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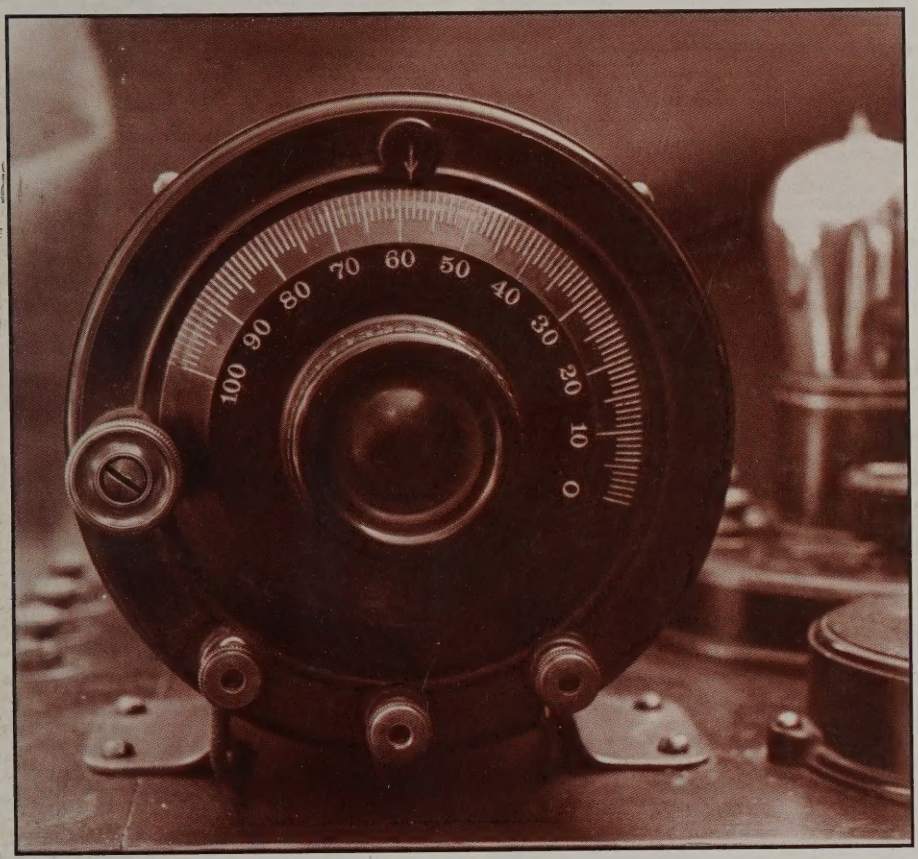

The Atwater Kent Radiodyne

A.R.C. — THE NATIONAL PUBLICATION FOR BUYERS AND SELLERS OF OLD RADIOS AND RELATED ITEMS — PUBLISHED MONTHLY

ANTIQUE RADIO CLASSIFIED

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STAFF:
Publisher and Editor: John V. Terrey
Production & Advertising Manager: Cindie Bryan
Office Manager: Tammy DeGray
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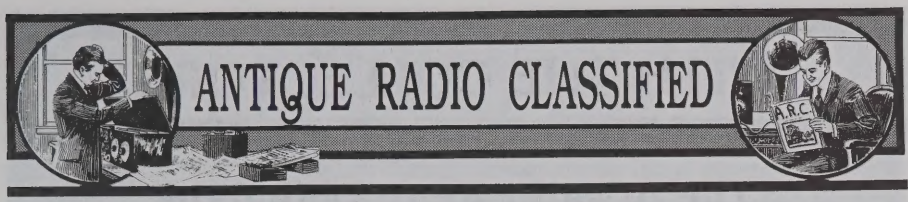


EDITOR'S COMMENTS

One thing is indisputable — we're in sight of the turn of the century. But, antique radio collectors are reluctant to let the 20th century, so steeped in radio history, slip away. That's why our lead story by Ray Thompson and Dave Gonshor and our cover struck me as symbolic of multiple aspects of that history.

To begin with, Atwater Kent was at one time the largest radio manufacturing company in the country. One of its products and the focus of our lead article was the Radiodyne, which, at first glance, might not seem particularly noteworthy. But, on closer examination, the set suggests a story that is multifold.

First, it takes us back to the times when a radio's innards were completely exposed, unlike the covered chassis and slick exteriors of today. Even the vacuum tube sits in full view on the Radiodyne breadboard.

Second, the Radiodyne is a transition set in that it represents Atwater Kent's attempt to meet the new demands of the marketplace. This was a time when the government had opened up more radio frequencies so that the number of stations available to listeners greatly increased. In turn, manufacturers like Atwater Kent were challenged to meet the need to provide more selective tuning, and the TRF became a popular solution.

The Radiodyne dial on our cover represents Atwater Kent's entry into that competitive field. In short, the Radiodyne story could be said to be representative of the technological and broadcasting history of radio in the mid-1920s.

Zenith, another great company in radio history, caught Richard Arnold's attention with a plastic table model that is a bit out of his usual line of cathedrals and tombstones. But, like most of us, Richard couldn't pass up a bargain. The style and functionality of the Model 6D015 intrigued him, and best of all — it worked!

Rich Urmano's brush with radio history in the form of a very old crystal set has much of the same flavor of intrigue with the unusual. The story has a different twist in that his crystal set in an old butter box proved beyond repair. But, a book, an unexpected gift, gave him the information and the inspiration he needed to recreate the set — a project that increased his admiration for the creators of these early sets.

How to enjoy these products of bygone days beyond their restoration and preservation is the subject of Herb Parsons' article on old radio shows. Herb, an A.R.C. advertiser, reminds us that radios were meant to be listened to, and there's no better way than to tune in to the great shows of yesteryear.

The subject of Dave Crocker's short piece is the old photo of Powel Crosley at work. The fact is that we at A.R.C. are inspired by old photos and often use them as a starting point for a larger article. Keep us in mind when you find treasures like those in recent issues — photos of Cortlandt St., the Leese Co. Atwater Kent window display, Traeger, the Pedal Radio Man, etc.

Perhaps the real attention-grabber in *Photo Review* this month is the unusual Confucius horn speaker with the sound coming from the bottom. But perhaps the plastic toy gun with a built-in crystal set is a close rival. Relating shooting a pistol to listening to radio seems a stretch, but Monarch must have found a ready market.

Included in this issue are two auctions, contributed by our most faithful reporters — Ray Chase and Larry Babcock. Though you may have assumed that Ray's report last month on the first Krantz auction contained all the significant items, check again. Tube lots attracted a lot of interest, both from those looking for usable tubes and from collectors looking for the unusual. Treasures were also found among the books, magazines, and ephemera. Since many items were sold in large lots, keep your eyes open at flea markets for Krantz items to show up. Frank will be with us for a long time.

In reporting on the Estes Auction, Larry Babcock points out that Richard knows radios and presents good items well. Larry's reports themselves are special because they give a real feeling for the event. By sheer coincidence, the highlight of this auction was an Atwater Kent Model 10 breadboard. Although not the rare Radiodyne, it still sold for $1,600.

Another coincidence is that our two book reviews treat important periods in radio history. Paul Bourbin reports favorably on Susan Douglas' *Inventing American Broadcasting 1899-1922,* which covers the pre-broadcasting years. Jerry Berg's *On the Short Waves 1923-1945* covers early shortwave broadcasting, which took listening from a local to a worldwide perspective. Reviewer Bart Lee is so enthusiastic about this book that he will speak on it at the AWA Conference this fall.

Before we received the Bourbin review, Bob Breese had brought Susan Douglas' book to our attention. His comments reveal his enthusiasm for the book and its exploration of the "wireless fever" of the times.

The Internet. We are closer to our goal of implementing additions to our Web site. Our supplier continues to work out the "bugs," but we don't want to release the material until the site is fully functional. Our latest hope is that we may have the work complete during Labor Day week right after AWA.

Coming Radio Events. Fall is big radio event time — 46 club events in September alone. Of course, the first is the big AWA Conference in Rochester, New York, September 1-4. HVRA's Mega Auction in Houston, Texas, follows closely on AWA's heels September 10-11. Note also the Stanton Auction in Michigan and the SARS fall swap meet in Georgia. Try to get to at least one event in your area, if not to the major ones.

Happy Collecting!

John V. Terrey, Editor

ON THE COVER

The Atwater Kent breadboard tuning condenser shown on our cover may seem common enough, except for a few details that distinguish it as a Radiodyne. Not only are the three exposed brass binding posts at the bottom of the dial significant, but also the dial itself, which is numbered in reverse. The rarity of this set may not be clear until you read this month's lead article.

WITH THE COLLECTORS

The Atwater Kent Radiodyne

BY RAY THOMPSON AND DAVE GONSHOR

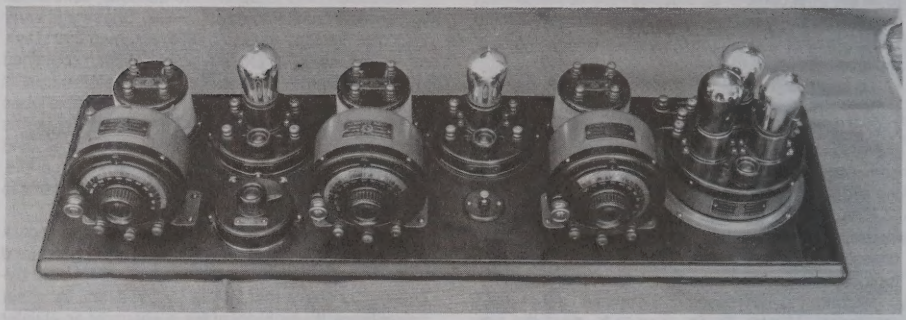


Figure 1. The Atwater Kent Radiodyne receiver, Part No. 4340.

The Atwater Kent feature story in the May 1999 issue of A.R.C. has sparked more Atwater Kent interest. We're glad to have the Radiodyne brought to our attention, as it marked an interesting milestone in Atwater Kent history. (Editor)

The Radiodyne shown in Figures 1 and 2, also known as "Part No. 4340," was the first Atwater Kent radio to use a tuned radio frequency (TRF) — a design consisting of three individually tuned stages. It was called the "Wonder Set" by distributors because its three tuned stages made the set very selective compared to earlier designs.

This greater selectivity was a much needed improvement in radio receivers. Prior to September 1923, all radio stations time-shared one of two assigned frequencies. Thus, broad tuning was acceptable in receivers of that period. With the assignment of additional frequencies, improved selectivity was needed to prevent interference from radio stations operating on adjacent frequencies. Consequently, selectivity had become an important feature of radio performance.

In addition, the Radiodyne was known for its remarkable wiring arrangement. There are no crossed wires under the board. Figure 3 shows the underboard wiring used on the Radiodyne sets.

Soon after A. Atwater Kent had marketed the Radiodyne, he discovered that another company, Western Coil Co. of Racine Wisconsin, had already laid claim to the Radiodyne name. He was forced to change the name quickly to the Model 10, and only a small number of Radiodynes were actually made. Consequently, it is the most desirable of the Model 10s to collect, and the selling price reflects this rarity. Unfortunately, many sets claimed to be Radiodynes have either been modified in some way, or they were not Radiodynes in the first place.

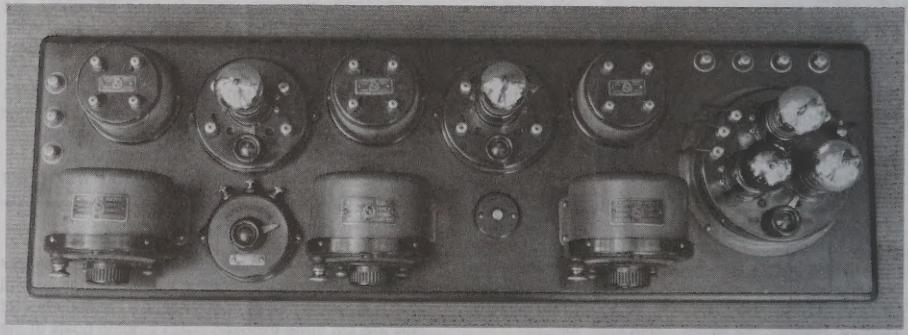


Figure 2. Top view showing the placement of the Atwater Kent breadboard components on the Radiodyne receiver.

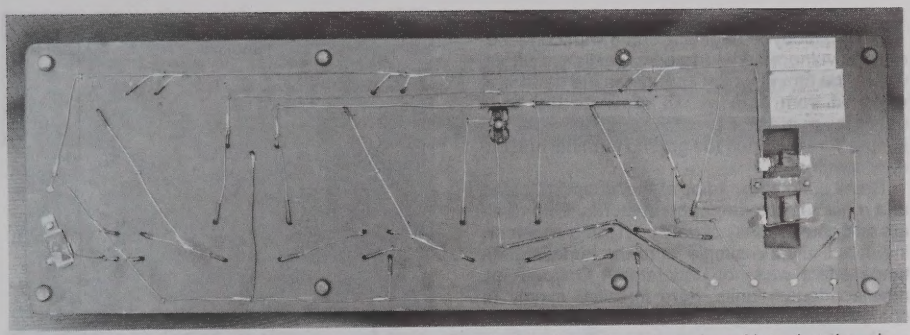


Figure 3. The wiring underneath the Atwater Kent Radiodyne breadboard receiver. Note that the wires do not cross over each other.

DISTINGUISHING FEATURES

The Radiodyne has many distinguishing features. The primary one is that the metal tags on the Type AD RF coil are labelled "Radiodyne" (not Model 10). One of these brass tags on a Radiodyne RF coil can be seen in Figure 4.

In addition, two paper tags are glued, not tacked, to the bottom of the board. A warranty tag has the board serial number stamped on it; the other tag has instructions about using the new ¼-ampere filament tubes. Figure 5 shows both paper tags under the Radiodyne board. There also may be a larger tag glued, not tacked, to the center of the board identifying the Radiodyne as a No. 4340 set.

In a Radiodyne, the 3-tube TA unit and the tuning condenser cans are painted green. Binding posts are used throughout — on the tuning condensers, TA unit, RF coils, potentiometer and 1-tube "islands" — as Atwater Kent had been selling these separately for experimenters to build its own sets prior to the introduction of the Radiodyne. Binding posts are also used to connect to the batteries and the antenna. Figures 6 and 7 show the multiple use of brass binding posts on the Radiodyne board components.

The green, 3-tube TA unit has a unique keying pattern for the tubes. Two of the key slots point to the rear of the board; the other slot points to the right. Later breadboard models have one slot pointing left, one right, and one to the rear. This

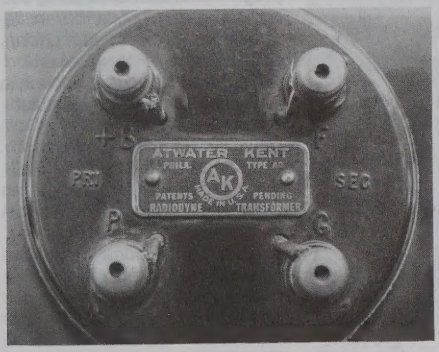


Figure 4. The name "Radiodyne" is clearly shown on the Type AD RF coil.

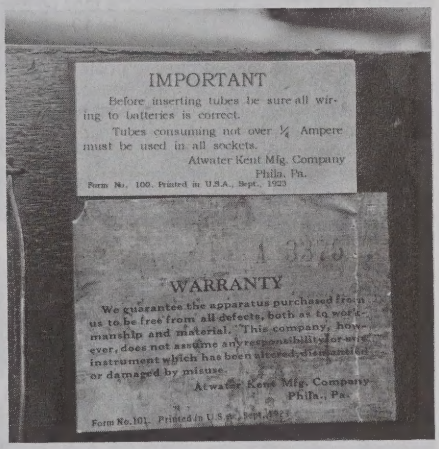

IMPORTANT
Before inserting tubes be sure all wiring to batteries is correct.
Tubes consuming not over ¼ Ampere must be used in all sockets.
Atwater Kent Mfg. Company
Phila. Pa.
Form No. 100. Printed in U.S.A., Sept., 1923
WARRANTY
We guarantee the apparatus purchased from us to be free from all defects, both as to workmanship and material. This company, however, does not assume any responsibility for any instrument which has been altered, dismantled or damaged by misuse.
Atwater Kent Mfg. Company
Phila., Pa.
Form No. 101. Printed in U.S.A., Sept., 1923

Figure 5. The two paper tags on the underside of the Radiodyne board.

was done to simplify filament wiring. Finally, on very early Radiodynes, aluminum plate switches, left over from the last of the Models 4052 and 4066, were used instead of the familiar Bakelite switches. So, the Radiodyne can have either an aluminum or Bakelite switch.

Any deviation from these features indicates that either the set is not a Radiodyne, or that parts have been changed. With the exception of the switch, there was no evolution of the parts making up the Radiodyne because of the short production time before the set was changed.

MODIFICATIONS

Any part of an original Radiodyne may have been changed for a variety of reasons. Parts may have broken or been scavenged and been replaced with nonoriginal Radiodyne parts. A common modification to an original board is replacement of the TA unit because of an open winding on one or both of the potted audio transformers. An open winding on an audio transformer was a common failure in the radios of the 1920s. A black or brown, wrinkle-finish TA unit indicates a replacement unit.

(Continued on following page)

The Radiodyne originally came with condenser cans vulnerable to a hand capacitance effect, where the tuning would change as the hand was removed from the dial. To eliminate the hand capacitance effect, all one had to do was to add a jumper wire between the ground terminal and the rotor terminal.

Retail outlets for radios at the time were piano and music stores, department stores, auto dealers and other outfits not versed in radio engineering. It is likely the simple fix to the hand capacitance effect was not understood. Or, perhaps new condenser units were installed simply to charge more money for the repair.

There is no evidence that Atwater Kent authorized any such modification, as Radiodynes were manufactured for only a short time, followed by the identical Model 10 (so identified by the tags on the RF coils) and then quickly by the Model 10 without binding posts on the components. In any event, tuning condensers without binding posts indicate that they have been changed for whatever reason.

Another clue is that the binding post type condensers had to have three holes drilled in the board on the front face of the condenser units. The condensers without binding posts would have two holes in the board towards the rear of the cans, so the existence of holes (plugged or open) on the board in front of the cans is an indication that it is a Radiodyne board. Figure 8 shows a front view of a Radiodyne tuning condenser with three binding posts having their wires leading into the board holes.

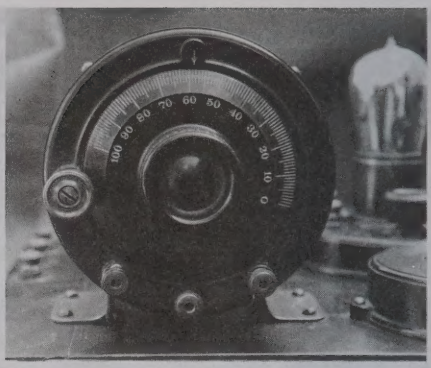


Figure 8. One of the Radiodyne tuning condensers showing the binding posts at the bottom.

Certainly these modifications lessen the value of a particular Radiodyne set, but they may not indicate that the set was not originally a Radiodyne. Whatever early Model 10 version you have, it is desirable because of the use of binding post parts and because the history of the Radiodyne is intriguing, as foretold by its early title — the "Wonder Set."

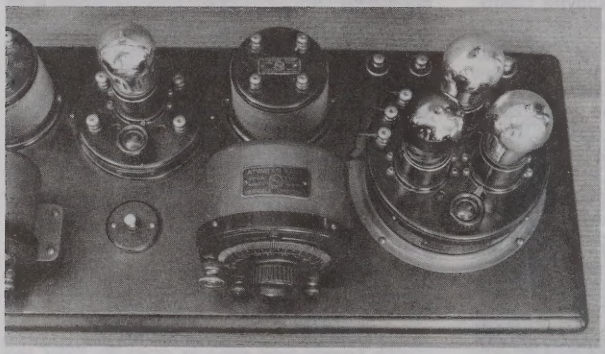


Figure 6. A view showing the multiple use of binding posts on the components on the right side of the Radiodyne receiver.

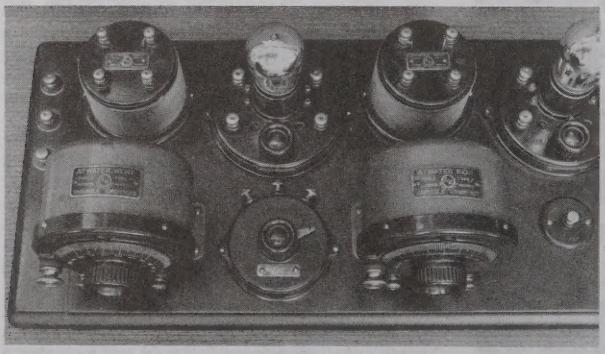


Figure 7. A view showing the multiple use of binding posts on the components on the left side of the Radiodyne receiver.

References:

Broadcast Program, "Atwater Kent Radiodyne," n.d.

Williams, Ralph. *Radio Age Newsletter*, "A. Atwater Kent, the Man, the Manufacturer and his Radios, Parts XI and Xii," n.d.

(Ray Thompson, 7422 Cherry Tree Dr., Fulton, MD 20759. Dave Gonshor 7121 S. Jellison St., Littleton, CO 80128)

Ray Thompson's old radio collecting began in high school, progressed to serious battery set collecting in 1977, and then to specializing in Atwater Kent, RCA and DeForest. Around 1994, he decided to confine his collection to Atwater Kent artifacts. He is an engineer in space research and has worked with the spacecrafts Voyager, Galileo and Cassini, to name a few.

Dave Gonshor, a registered professional electrical engineer, has been collecting radios for approximately five years. He enjoys battery sets and an occasional 1930s tombstone, cathedral or console because of the more interesting electrical restoration they require.

WITH THE COLLECTORS

Zenith Model 6D015

BY RICHARD ARNOLD

Once again Richard Arnold tells us about a set he found too interesting to pass up — not an uncommon experience among collectors. (Editor)

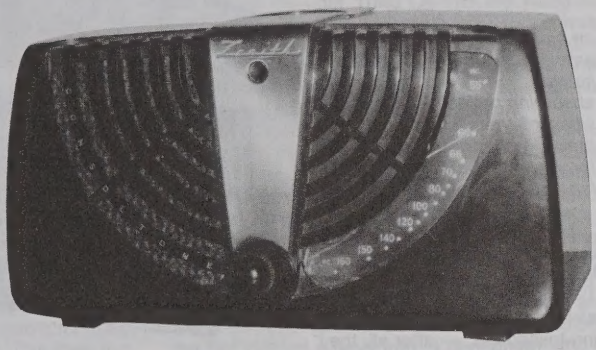


Figure 1. The 1946 Zenith Model 6D015 with the handle down.

The Zenith Model 6D015, an unusual but neat looking radio, was part of the Zenith 1946 model line. Because of its appearance, it is a desirable set for any collection.

This Zenith is made of brown plastic and has a quarter-moon dial and a half-moon louver design over the speaker area. One of the more interesting features of this radio is the handle, which, no doubt, is to facilitate moving the set around; however, this radio is not a portable — it is an AC/DC set.

The handle is a black plastic appendage that fits down into the top of the cabinet and becomes almost flush with it, as shown in Figure 1. However, it easily lifts to the upright position, as shown in Figure 2. The handle is a little fragile, especially at its pivot points, so sets with intact handles are harder to find.

This handle is attached and becomes a part of the gold-tone decorative strip that starts at the middle of the top and runs down to a somewhat tapered end at the bottom center front of the radio. At the end of this strip there are two concentric knobs. One controls the on/off switch, and volume; the other is for station tuning.

At the top front of the radio is the word "Zenith," and directly below that is a one millimeter hole that glows red when the radio is on. This is a rather striking feature at night or in a darkened room.

The dial scale station pointer looks like a toothpick and is angled to allow for the curvature of the scale. The grille cloth is a heavy gauge fabric similar to burlap.

The 6 tubes used in this set are the following: 12SJ7 RF, 12SA7 converter, 12BA6 IF, 12SQ7 detector and amplifier, 35L6 power and 35Z5 rectifier.

I ran across this radio in an antique store in southern Oklahoma about a year ago. Its unusual appearance caught my eye, and further examination revealed that it was pretty clean with no cracks. The fact that it is a Zenith didn't hurt either. About sold, I looked at the price tag — "$36 firm and it works," it said. I bought it.

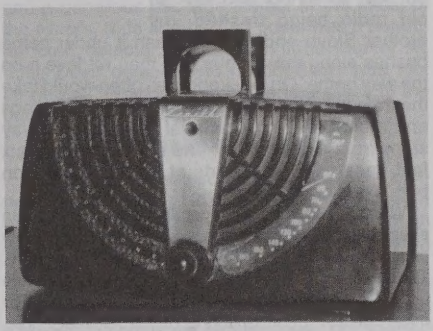


Figure 2. The Zenith Model 6D015 with the handle in the upright position.

After taking it home, cleaning it up a bit, and playing it, I found that it sounds great (it has Consoltone). Although I don't usually keep plastic sets, I decided to put this Zenith 6D015 into my collection. There it sits in all its glory midst the 1930s wooden cathedral and tombstone types.

(Richard Arnold, Box 275, Lone Grove, OK 73443)

Richard Arnold has been collecting radios since 1985. His interest is primarily in cathedrals and 1920s battery sets, and his collection ranges from crystal sets to a 1928 American Bosch in a Pooley cabinet. His prize is the 1932 Jackson Bell Peter Pan featured in the June 1991 A.R.C.

The Butter Box Crystal Set Saga

BY RICH URMANO

The following adventure with an old crystal set is another example of how a seeming "basketcase" can develop into an absorbing project. Rich's acquisition of the Bishop book was the lucky chance that we all wish for when we have a radio challenge on our hands. (Editor)

Figure 1. Thunder, the Urmano "radio cat" has a definite interest in Rich's butter box crystal set repro.

I was first bitten by the radio bug when I was a boy on Long Island back in the 1950s and 1960s. In those days, there were always plenty of old radios being tossed out — after all, they were consumer products meant to be consumed. If we were on our way to school and saw an old radio being trashed, my brother Steve and I would stash it under some bushes along the avenue and then retrieve it on the way home. On weekends we often would take the train into New York City for a day of hot dogs and radio browsing on Canal St. a few subway stops from "Radio Row." The sidewalks were six feet deep with radio parts at salvage prices on both sides of the street.

We did a lot of experimenting in our little radio shack behind the garage back then. I built quite a few crystal sets from scratch with just a handful of parts. Those days in Floral Park are long past, but once bitten by the radio bug, you find it stays with you. I've been collecting and restoring radios for years now, and I'm still fascinated by those crystal sets.

A few months ago, I had the opportunity to purchase a very old crystal set that was made from an old butter box probably back in the 1920s. It had been lying in a shed for years and was suffering severely from weather damage. I negotiated a price and took it home, if for nothing more than to reuse the vintage hardware. Somewhere in the back of my mind I was planning to build a crystal set.

THE STATE OF THE SET

I took the set apart when I got home, and after close inspection, decided that it was too far gone to restore. Still, it had a very unusual circuit and I studied it. The resulting butter box crystal set inspired by this old set can be seen in Figures 1 and 2.

The double cotton-covered wire (DCC) of the coil was laden with fungus. The box had a unique plunger on the side that was attached to a secondary coil that slid inside the primary coil. Moisture damage had taken its toll and had swollen the cardboard core on the primary coil so that the secondary coil was stuck inside of it. The only way to uncover the mystery of what the secondary coil looked like was to pull the primary apart.

The set had 2 contact tap switches with 9 taps on each switch attached to many taps of the primary coil. One contact switch was connected to 100 turns of #24 DCC wire with a tap every 10 turns. The other contact switch was connected to ten more turns of the same coil with a tap on every turn. The coil was 4 inches in diameter and 5 inches long. Satisfied with that, I pulled the coil apart to reveal the secondary. It had been wound and coated with varnish or shellac and wasn't in such bad shape. It appeared to be 200 turns of #28 DCC wire mounted on a core that was meant to slide snugly inside the primary.

This coil was also 5 inches long, and I noted that both coils were wound in the same direction. I measured the coil on my ohmmeter, and it was open. This was probably the reason for the set's retirement to the shed. There was a wooden plug in the top with holes drilled in it for the wires to come out, and the brass plunger rod was screwed to the center of one of the ends. I thought the whole thing was very interesting but mysterious. I put the set aside and filed the experience in my mind.

A SECOND LOOK AT THE SET

Summer passed, and the warped and twisted butter box sat on a lower shelf in the cluttered shop and was pretty much forgotten. I was still thinking of building a crystal set but had some

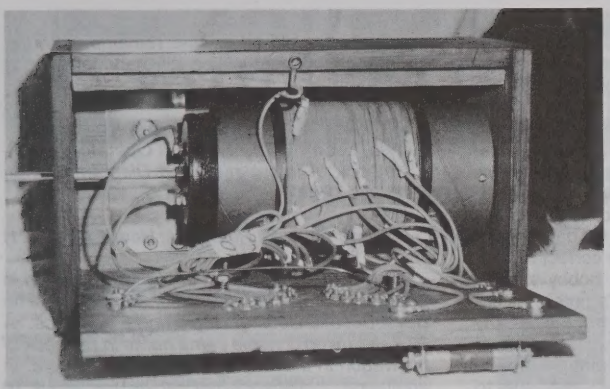


Figure 2. The interior of the butter box crystal set repro showing the wiring of the tapped coil to the two tap switches.

other projects going, and I was still looking for a good schematic.

Later that year I received an unexpected gift from my sister Joanna — a 1911 book called *The Wireless Operators' Pocketbook of Information and Diagrams,* by Leon W. Bishop. What a treasure it is! The wheels of my mind were turning as I looked at all of the old circuits. This was the information I had been looking for!

The crystal set circuits I had seen up until then hadn't covered those forgotten days of vintage wireless circuits. When I saw a circuit of a loose coupler set in the book, it hit me — that old butter box and its circuit all came together for me. The package was different, but the principle was the same.

The book told about the advantages of a loose coupler in a wireless crystal set and of DCC wire over enameled wire. Enameled wire creates a coil with the windings too close to each other, causing high capacitance in the coil. That lowers the coils efficiency (Q factor) and makes for much more broad tuning of the set. If enameled wire were to be used, a thread would either have to be cut into the coil surface to keep the windings separate, or a spacer placed between the windings when the coil is wound. This was news to me!

THE RESTORATION

I began to realize what the butter box was all about. I now had a mission and a plan, to resurrect the vintage butter box. I returned to my shop, pulled the old butter box off the shelf and eyed it with a critical eye - yuck! I had forgotten how sorry it looked and decided that I needed a new box. I went to the garage and found a nice long plank of wood 5½" wide x ½" thick, left by the previous owner. I measured the old box — 5½" deep x 7½" high x 11" long and ½" thick. Son of a gun, I knew they had left that wood there for a reason and this was it!

A few hours and hand tools later, I had myself a new box. The inside lid of the old butter box had the label "Brookfield Creamery Butter" on it. The old timer who had built the set turned the lid upside down to hide the writing. I decided that I wanted the label to be visible on the top of my box. I scanned the lid on my flatbed scanner and printed it out on paper. I then centered and taped the paper to the top of my box and carefully branded the letters into the top of the box using a hot soldering iron.

To get the "right" finish on my new box I got creative. I rubbed some nice orange and amber colored "Indian Head" gasket shellac thinned with alcohol into the wood, leaving it with a good base. Then I rubbed some walnut Tung Oil into the wood to give it some depth. The set was really beginning to look good! I then decided to put hinges and a latch on the box to facilitate service and inspection.

Covering the face of the box with a sheet of paper, I carefully traced the positions of the binding posts, the contact switches and the taps, and then drilled out all the holes. After some rooting around, I found some cardboard coil forms of the correct diameter. I soaked them in polyurethane, and after they dried, they were ready to be used.

What detector I would use on the set was an issue, as the original one was missing. An ad on the Net yielded a reply from a gentleman, and I soon struck a deal with him for some vintage crystal parts. One week later the package arrived and a generous package it was! In the midst of the sliders, rods and binding posts was a beautiful fixed detector. It was a vintage Marvel A1 "Little Devil" detector and inscribed on it was "Hot as Hades." I had just found the final piece to the butter box crystal set!

OPERATING THE SET

The set was finally complete. I anxiously connected my old pair of 2000-ohm Brandes Superior headphones that I cherish and placed them on my head. I was approaching the moment of truth — to unlock the mystery of the old butter box. I connected the ground wire first and heard a crackle in the phones. I then hooked up the antenna and a voice rang out in my headphones "77 - WABC" with excellent volume.

When first tuning the set, I used the 10-turn rotary switch and then fine tuned it with the 1-turn rotary switch. As for the plunger on the side for the secondary coil, pulling it out (loose coupling) causes the set to tune much more sharply, and this makes for good selectivity on separating the weaker stations. It was interesting to note that even when the secondary coil was almost entirely pulled out from the primary, the volume was still quite good and actually improved the signal on some of the weaker stations. Pushing the plunger in (close coupling) makes for broader tuning and is good for local station listening.

After testing out the set for a while, I determined that the set could use a condenser in series with the antenna. The set tuned predominately towards the lower portion of the AM band, almost into long wave, and there are few stations

(Continued on following page)

(The Butter Box Crystal Set, continued)

down there below 700 Kc these days. A condenser in the antenna circuit would allow the set to tune higher on the AM band and would allow me to adjust the overall frequency range.

I tested with a condenser to determine just what capacitance range I needed. I then studied what early "book type" tuning condensers looked like and decided to sneak a homemade brass book condenser into the back of the box with 2 brass leaves. It took me the better part of the day to figure out how to make a nice one in the correct capacitance range. From 2" x 5" brass hobby stock, I fashioned a nice condenser that's nothing more then a large trimmer pot — 25-150 pF. A nice early vintage knob is located on the back side of the set in order to keep symmetry on the front.

I then retested my crystal set and was able to pick up a "clear channel" from Washington D.C. — WTOP 1500, which is a six-hour drive from here. My crystal set was finally flying high and "Hot as Hades" it is!

In retrospect, although the set isn't an original vintage set, it is a tribute to a time when life was a little simpler. It is also a tribute to the original builder — the old timer who remains unknown and whose unique qualities still stand tall after all these years.

References:

Bishop, Leon W. *The Wireless Operators' Pocketbook of Information and Diagrams.* Lynn, Mass.: Bubier Publishing Co., 1911.

(Rich Urmano, 24 Risley Rd., Hewitt, NJ 07421)

Rich Urmano's interest in old radios began in grade school with a favorite library book — "The Boys' Second Book of Radio and Electronics." A $7 Telefunken console came home in the back of his wagon in the 1940s and stayed for years. In adulthood, he abandoned radios for about 10 years, but in the late 1970s became interested again in restoration. He has designed and built regenerative sets and wireless crystal sets, among others. His collection includes about 30 Deco Bakelite radios, metal Arvins, and many prewar, wood, Deco sets.

Relive the Enjoyment of Old Radio Shows

BY HERB PARSONS

An A.R.C. advertiser of old radio shows on tape for many years, Herb Parsons is just the man to remind us of the fun of hearing those classics of yesteryear either on our old sets or on cassette players. Sometimes those of us who concentrate on the technical and artistic aspects of the old sets themselves, forget their entertainment value — pure listening pleasure. (Editor)

It all began about seventeen years ago. My brother, Bill, spotted a General Electric K-50-P small cathedral radio in the window of a local antique store. He asked me to fix it so he could use it at home in his family room. That was the beginning for me as a radio collector.

Over the years I have collected everything from breadboards to early transistors. I enjoy them all. To me, they represent a time in history a lot less hectic than it is today. It was a period when folks took time and enjoyed their leisure hours, frequently listening to the radio, letting their minds create the pictures that they "saw" on that marvelous wireless invention.

As you know, a lot of what was heard back then is now available on tape. And, with the help of a low-powered transmitter, these old shows can even be enjoyed emanating right from one of your own antique radios. Whether you listen through one of your old sets, or through a modern cassette player, oldtime radio shows can be enjoyed as much today as they were back then.

Radio shows allow you to use your imagination to set the scene and fill in the pictures in your mind's eye. You don't have to rely on a movie or TV producer's idea of what you should see. You are the producer, the set designer, and the casting director. You become a vital part of the total production.

Woe is that individual who has never experienced the joy of hearing Jack Benny enter his money vault or the chilling stories of *The Inner Sanctum.* Today's TV sit-coms can't hold a candle to the likes of *Fibber McGee & Molly, The Great Gildersleeve, Our Miss Brooks* or *The Life of Riley.* Westerns are all but extinct today, but shows like *The Lone Ranger, Hopalong Cassidy, The Cisco Kid* and *GunSmoke* can still be enjoyed on tape. If adventure appeals to you, then shows like *Challenge Of The Yukon, The Mysterious Traveler, Escape* or *The Lives of Harry Lime* can be heard.

Oldtime radio shows can be divided into various categories. Among them are comedies, crime fighters, dramas, historical events, horror-fantasy, music shows, mysteries, science fiction, soap operas, westerns, private investigators, wartime shows, and adventure. The variety is almost limitless.

So, the next time you turn on one of your treasured old radios, just remember that the old shows that once played through these old sets can be heard and enjoyed once again and are available from various mail order suppliers. These shows can help to take you back to the days when radio was king. It was truly "The Golden Age of Radio."

Herb Parsons, a longtime supplier of radio broadcasts on cassettes, has more than 5,400 shows available at reasonable cost. For more information, write to him at Erstwhile Radio, 5 Surrey Ln., Peabody, MA 01960.

WITH THE COLLECTORS

Powel Crosley at Work

BY DAVE CROCKER

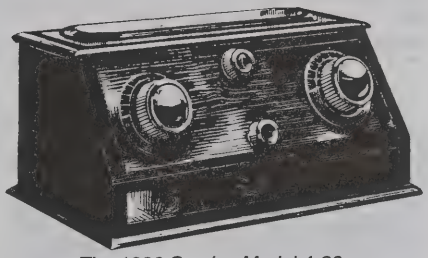
The interesting photo below shows Powel Crosley, sometime in 1926, testing one ot his latest radios in a lab room of his factory. The photo was sent to me by Powel's grandson, Lewis Crosley, who resides in Sarasota, Florida, fairly close to the Crosley mansion, which is now undergoing a massive restoration process.

In studying the photo, I came to the conclusion that this was probably some kind of promotional piece for two reasons: 1) There is such a variety of equipment shown, and 2) Powel's face definitely has been touched up.

The radio on the radiator to his right is a 3-tube Crosley Super Trirdyn Regular, which appeared in the fall of 1925. The set under his right elbow is a Model RFL-60, which was a 5-tube set offered in early 1926. Powel's left hand is operating the "Crescendon" knob of a brand new 1926 Crosley Model 4-29, a 4-tube receiver.

Above the large power supply (manufacturer unknown) in front of Powel are two Crosley cone speakers — a Musicone and a Super Musicone, which is turned around. The metal box to the left of the Model 4-29 looks like a prototype of the Crosley AB and C power unit, which was announced in April 1927.

The spectacular Crosley mansion and grounds on the Gulf Coast at the Bradenton/Sarasota line will be open to visitors sometime in the year 2000. Exhibits of Crosley products, as well as those of other well-known entrepreneurs, are planned on a rotating basis. Watch for the announcement of the opening in a future A.R.C.



The 1926 Crosley Model 4-29.

(Dave Crocker, 4B Beechwood Point Dr., Mashpee, Cape Cod, MA 02649)

Dave Crocker, a member of the A.R.C. staff, lends his skills as a graphic artist to the layout of the magazine. He has been actively collecting radios for over 29 years. Many of these years have been spent researching and collecting items manufactured by the Crosley Radio Company.

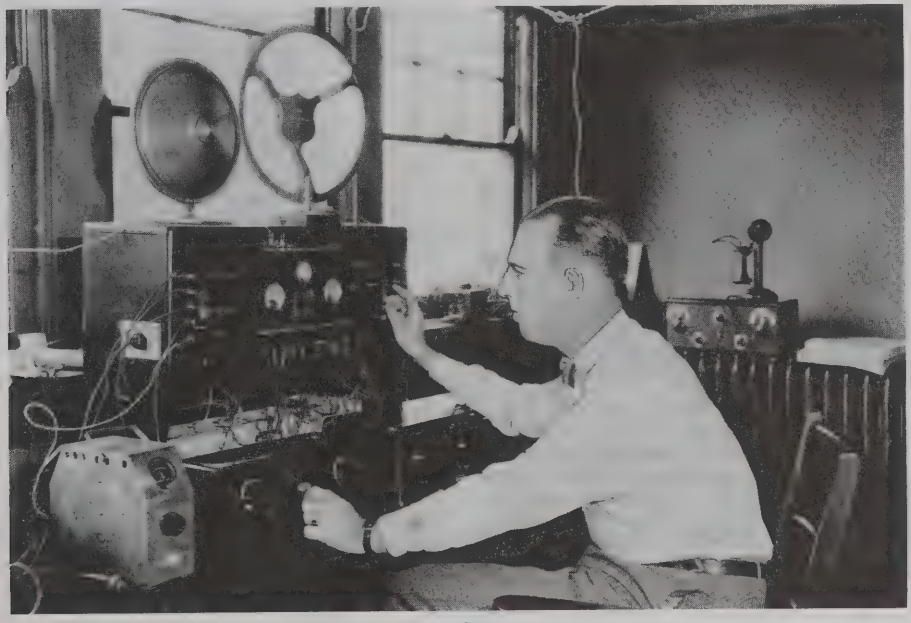
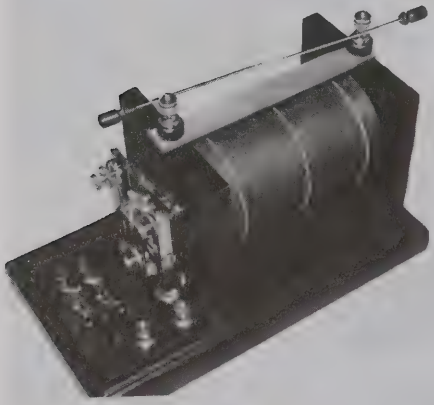


PHOTO REVIEW

This column presents in pictorial form many of the more unusual radios, speakers, tubes, advertising, and other old radio-related items from our readers' collections. The photos are meant to help increase awareness of what's available in the radio collecting hobby. Send in any size photos from your collection. Photos must be sharp in detail, contain a single item, and preferably have a light-colored background. A short, descriptive paragraph **MUST** be included with each photo. Please note that receipt of photos is not acknowledged, publishing is not guaranteed, and photos are not returned.

MONARCH MODEL GR-4 – This plastic toy gun with a clear plastic holster is really a germanium crystal radio that tunes by moving the sight on the gun barrel. On the original box is printed, "How it would be wonderful if people can enjoy a radio like shooting a pistol!" *(Harry Blesy – Hindsdale, IL)*

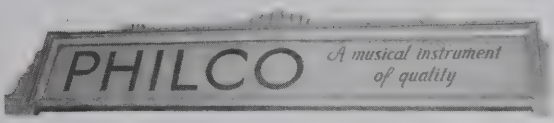
MINIM CRYSTAL SET – This simple crystal receiver may be of Scandinavian manufacture. The logo design is difficult to read, quite possibly "Teta." The panel has jacks for two antennas and two headphone inputs. *(Erwin Macho – Vienna, Austria)*



INDUCTION COIL, MANUFACTURER UNKNOWN – This wireless induction coil is patterned after the Ruhmkorff design, including the coil, spark gap and vibrator. Does anyone know the manufacturer? *(Dave Gonshor – Littleton, CO)*

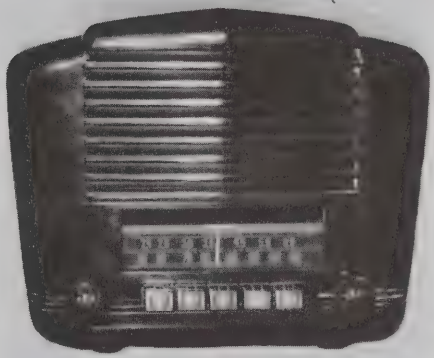
PHILIPS 936A – This rare 1931 cathedral radio with a molded Arbolite laminate cabinet, operates on 4 tubes and uses AC power. *(Jim Taylor – Bournemouth, England)*

PHOTO REVIEW



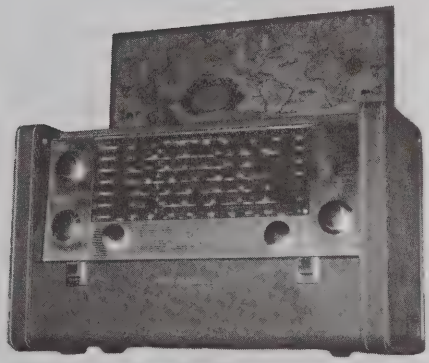
PHILCO DEALER SIGN – At first, I thought this sign was an advertising display for Philco musical instruments, such as guitars or ukuleles. However, a later purchase of a 1939 Philco console included a Philco instruction sheet which contained the statement, "Instructions for Philco 38-C325, a Musical Instrument of Quality." The radio sign, which is illuminated by 4 light bulbs in their original sockets, was perhaps in a dealer's shop during the early 1940s. *(Stan Marlin — Assiniboia, Saskatchewan, Canada)*

INGELEN MODEL TRV-111 – This 1959 portable, made in Austria, was a very popular radio. It operates on battery power and tunes only the AM band. The case is green leatherette. *(Erwin Macho – Vienna, Austria)*



CROSLEY MODEL 628-B – This 1937 Bakelite radio has a broadcast and shortwave band which tunes up to 7.0 MHz. It has a 6-tube, AC powered chassis utilizing a 2W3 half-wave rectifier. It is a fine example of the Deco styling of the late 1930s. *(William Dalton, Jr. – Bridgeport, CT)*

CONFUCIUS HORN SPEAKER – This unique European-made speaker was manufactured by Andia, Ltd. The heavy "carved" Repwood figure came in two styles with different type bases. The sound exits from the bottom. *(Dave Crocker – Mashpee, MA)*



RCA MODEL 3-BX-671 STRATO-WORLD – This 1954 AM/FM portable radio is RCA's answer to the Zenith Trans-Oceanic. It is a 7-band receiver with separate bass and treble controls. The case is leather and has a world map in the lid. I found it with its original instruction book. *(William Dalton, Jr. – Bridgeport, CT)*

AUCTION REPORT

Krantz Auction — Part 2
Somerdale, New Jersey — April 24-25, 1999

REPORTED BY RAY CHASE

As indicated in the August A.R.C., the first Krantz auction was so extensive that it was necessary to present Ray Chase's report in two stages. Below is the promised Part 2 — tubes, paper, and ephemera. A report on the second 2-day auction, held June 26-27, will follow in a future issue. (Editor)

"A once-in-a-lifetime experience" was how Ray Chase described the Krantz auction, held on April 24 and 25, 1999, in Somerdale, New Jersey. Childers & Smith Auction Co. had its work cut out for it taking on the disposition of the late Frank Krantz's 70 years of collecting. The logistics of sorting, cataloguing, moving the equipment that filled every nook and cranny of a small house into a large tent, and making it accessible to viewers and bidders are almost beyond comprehension.

What is even more amazing is that Ray Chase was able to follow the crowded "walk-around" bidding procedure in the cold, rainy weather and to compile the information in a comprehensive form for A.R.C. readers. We're looking for an appropriate medal to pin on him.

Collectors picked up some very good buys in the tube, book, and ephemera categories. Among the highlights were a DeForest spherical Audion selling at $450; three flats of 6L6s at $350; six WD11s in boxes at $360; a DeForest catalog and other early items at $260; an authorized agent RCA electron tube sign, mint in box, at $375; about eight 1950s hi-fi magazines in a binder at $290; two large, 1934 Majestic ad posters at $250; eight *Voice of Victor* magazines from the teens, at $200; 50-70 service items, including three *RCA Red Books*, at $320; and many lots of *Radio News* and *Radio Craft* selling from $12 to $225.

***A warning**: Auction prices are not current values. Our selection of auction items is not necessarily complete. A listing such as this cannot adequately include the condition of cabinets, chassis, transformers, tubes, the operating status of the set, and the inclusion of incorrect, restored or replica components, etc. Auction prices are the result of the excitement of the auction process, the skill of the auctioneer and the specific interests of the participants. Nevertheless, auction prices serve as useful references and as another element in the value determining process. The possibility of error always exists, and if we are notified, corrections will be reported.*

At left is a Crosley Temperator (electric fan), that sold for $80. At right is an Atwater Kent Type R horn speaker, without driver, that sold for $90. In the rear is a spruce Music Master horn that brought $375.

As Ray Chase has said, it's doubtful that we'll ever see so many radio treasures in one place again. The auction totaled over $60,000. The 10 percent buyer's premium is not included in the listings below. All prices have been rounded down to the dollar.

e=excellent, vg=very good, g=good, f=fair, p=poor, unk=unknown, BB=brass-based, N.I.B.= new in box

Tubes:

1L6 (3), 1A3, 1LC6, 1LA6, etc., (11)	$45
1L6 (4), 1A3 (2), 1LA6, 15A5, 1N5, flat	90
2A3 & 10, (2) flats	230
2A3, dual-plate, (2 flats, ±10 tubes each)	240
6L6, (3 flats, ±12 tubes each)	350
6L6, 1F4, Marconi 5Z3, w/boxes, (±13)	75
6L6, RCA, NU, Kenrad, etc., (3 flats, ±12 tubes each)	225
6V6, (2)	5
12AX7, (±20)	80
26 (3), WLS4600, WLS2976, 201A, 199 (4), etc., N.I.B., (12)	150
27 (6 blue), 550, 4631, Raytheon 80, (±12)	60
27 (6), 30, 127, 83, P2 Arcturus, (±10)	45
45 & 80, (±15)	45
45 & 80, (±20)	60
45, most not globe, (10)	80

This box lot of 7 Types 401 and 403 Kellogg tubes, including one in its box, sold for $45.

45, (5) & 80, globe, (2) 100
45, some globe, (8 & 1 flat) 70, 70
47, (10) 30
50, globe, (4) 140
80, globe, (8) 30
80, globe, (8) 35
80, non-globe, (11) 35
80 & 213, 842 & 841, (19) box lot 50
80, (4 flats, ±70 tubes each) 200
99, (2), 201 (15), 301 (±20) 140
112, 171, 200, 300, (11) 170
199 UX & UV, (3), 120, (4) 50
199, BBT, (5) 85
200, 201, 301, most in box, (±16) 225
200-A, (2 flats, 11 tubes each) 130
201 & 301, (17 each) 70
201-A, (13) 55
205D, 101D, VT2, 216A, 215A, (5) 110
205F (2), 352A, 313CA, 102D tennis ball, (5) ... 200
216, 316, 10, (±20)) 55
216A, VT1, 215 in socket 100
224, 3Z, 230, 32, 30, etc., (±20) 50
250, (2), 410, 216B, 247, 280, 48, 232, DeForest 430, (9) 70
280, w/boxes, (4) 30, 35, (2) 50

This box lot of 9 brass-based Type 301-A tubes, all testing good, sold for $180.

301A, BB, (9) 180
815, 878, 850, 5642, etc., (±10) 30
826, 832, 829, etc., (11), on display strip 30
852, 100T, 8683, 304, unk Triode, (5) 35
852, 304, 832A, 808, Taylor CRT 902 15
5881, (6) 30
Air-cooled tubes, large, (4) 25
Airline Gold, Wunderlich, Arcturus blue, (8) .. 250
Arcturus 212, (2) 20
Armstrong antenna eliminator, looks like a tall 199 in a socket, not real tube 175
Armstrong antenna, in glass, looks like a tall 199, a kind of antenna eliminator, (2) 120
Box of tube boxes, some with tubes in them, (±12 each) 130
Bulbs, (±15), box lot 35
C12 & WD12, brass, (2) 30
CG 2566, 801, 802, 845, (9) 25
CGxxx Navy, (3) 140
Cunningham 300, WD11, etc., (4) 45
Cunningham 345, 380, 874, (±12) 120
DeForest 410, 427, 445, boxed, (6) 180
DeForest 511, GE 203A, (3) 30

This RCA Authorized Agent dealer display sign in mint condition sold for $375.

DeForest H, with repaired glass (?) 50
DeForest spherical Audion, double wing, open filament 450
DeForest spherical Audion, single wing, open filament 275
DeForest tube cans, (2) 50
DeForest tube can, (6), BB tubes, (8), DL7, C11 . 100
Edison 1979 anniversary replica bulb 35
EL 34, (6) 180
Electrad diode, tubular Audiotron, Myers w/homemade socket 80
Eye tubes, (3 flats, ±30 tubes each) 100
Eye tubes, (±60) 130
Eye tubes, U.S. & European, assorted lot 150
French tennis-ball style tubes, (2) 130
GE 211, W803, H&K 254, 250TH, etc., (6) 60
Geissler, (2), & neon tube 185
Geissler, (2), & red neon, quack, etc. 170
Kellogg 401, 403, (±7) 45
KT66, (6) 200
Magnetron 201, (2), DeForest tube can, Arcturus blue tube 70
Miscellaneous, mostly 485, (±24) 10

(Continued on following page)

(Krantz Auction-Part 2, continued)

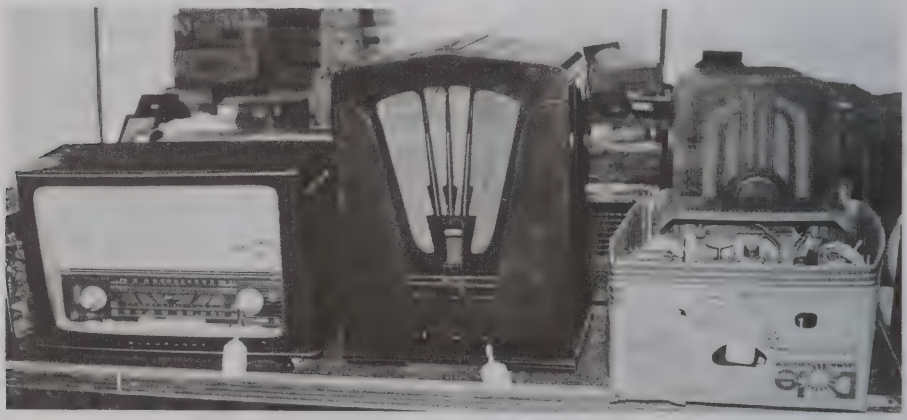
Miscellaneous, (2) flats 220
Myers Audiotrons, (2 tubular), w/socket, small bulb 250
Philco & RCA 201, 301, (17) 125
Philips, GR, Eng., Marconi, Sap, (8), foreign, box lot 35
Radiotron 202, Cunningham 302, (3) 65
RAY PLATE printed on plate of tubes, & tube batch (±15), type unk 90
RCA 202, 201, DeForest DV2 tube can, Qualitone Ice Base, QRS, (2), etc. 125
Sparton, Sonatron, (2), Kellogg, (4 total) 50
Tube and light bulb blanks, glass only, (±14) 35
Tube sockets, porcelain, (8) 10
UV- & UX-199, (±36), box lot 275
UV-199, (20) 90
VT-2, (2) 130
VT-2, 101F, WE 216A, 203, (4) 150
VT-25, WE VT52, 345, C455, (4) 80
WD-11 & empty box 25
WD-11 in box, (6) 360
WD-11, (7); WD12, (14); some WXs, photo-cells, etc., (7, by the piece), e 560
WD-11, WD12, (3) & WD11 socket 60
WD-11, WD12, (3), (4) WD11 sockets, ... 65
WE 101L, DeForest 801 & others, plus sockets, (9) 35
WE 211D, WE 242A 110
WE 221D, in box 35
WE strange tennis-ball style tube & 216 80
WE 205B, 101D, 216A, VT2, WER221DF, (6). 350
WE 205F (2), 101L, 101F, 102F, (5), (4) in box . 350
WE 212D large transistor tube glued to base as display 50
Welsh Peanut, Electrad diode, VT5, 877 w/sockets, (4 on display board) 140
WX-12, 201, BB, BH tube 25
Zenith 57, Majestic 56, Raytheon 27, 81, 59, Eveready 237, some in boxes, (16) 160

Books, Magazines, Advertising & Ephemera:

"Authorized GE Radio Dealer" sign, lighted glass, 10" x 14", metal-cased 175
Crosley *Broadcaster*, 1926, (50+) 190

This press release photo showing Marconi, his wife, David Sarnoff, Frank Stanton, and others on board Marconi's yacht "Electra" won a high bid of $130.

"RCA Tubes," banner poster 7
Drake's *Radio Encyclopedia, Radioman Guide*, etc., (5) 60
1001 Radio Q&A, 1936 Short Wave Craft, Tube Experimenter, etc., (5). 80
Radio Trade Directory, 1925, *Federal Trans.*, etc., (±6 pamphlets) 40
Acratone 39, Lafayette 33, etc., radio catalogs, (±6) 50
Ads & old postcards, large album, (100+) 60
Advertising items, empty glass boxes, plates, etc., mostly RCA 65
Advertising items, tie clips and misc., mostly RCA, (2 flats) 90
Albums of photos and other radio paper, 3-ring binders, (±6) 50
Amos & Andy, Pepsodent, Texaco, Breakfast Club, etc., radio premiums, batch 60
Atwater Kent faceplates & Radio TV service signs, large lot 115
Atwater Kent paper, large lot 90
Audel's Electrical Devices, Hawkins, etc., (±15) .. 100
Audel's Electrical Library books, (11) 10



The 1950s Grundig hi-fi receiver at left sold for $90, while the Philco Model 16B tombstone, center, in very good condition won a $240 bid. The Philco Model 37-620 behind the carton right sold for $70.

This 4-tube, home-built battery set in a glass case, missing the two tuning dial knobs but in good overall condition, attained a high bid of $170.

RCA authorized agent electron tube sign, large, round-edge mount, mint in box 375
AWA Review, Vols. 1-10 70
Bucher, etc., *Wireless,* PRSMA (lot), early TV photos, etc., (3), vg 70
Children's underwear boxes showing battery radio with horn speaker, (2), vg 85
Crosley paper and advertising, folder 65
Crosley paper, large folder 30
Crosley *Radio Blue Books, Wireless Course, 1922 Radio Hookups,* (2), etc., (5) 45
Crosley Sales Book, 1936, etc., lot, vg 100
Cunningham Poster, 24" x 18", "Cliquot Club Eskimos" 15
Cunningham Poster, 24" x 18", "Lucky Strike" orchestra 30
Cunningham Poster, 24" x 18", "Mary and Bob of the True Story Hour" 32
Cunningham Poster, 24" x 18", "Ben Bernie and His Orchestra" 25
Cunningham Poster, 24" x 18", "Famous NBC Announcers" 45
Cunningham Poster, 24" x 18", "Vincent Lopez and His Orchestra" 15
DeForest catalog and other items, early 260

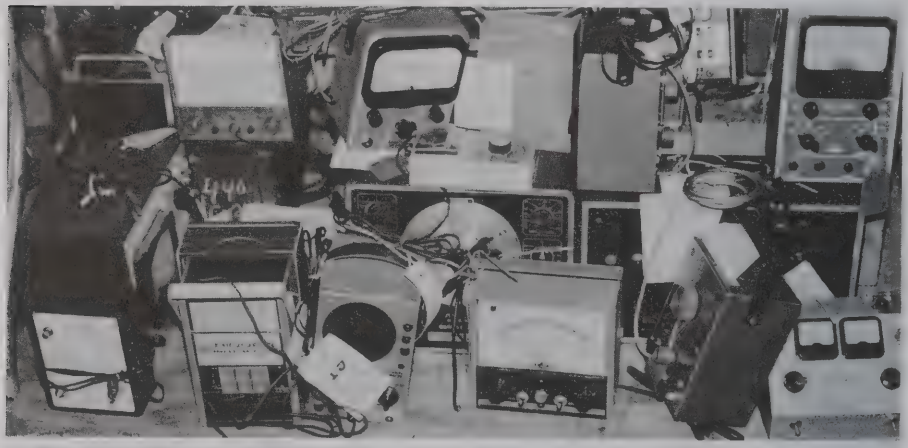
Typical of the tube lots was this carton of Raytheon Type 227, 59, 81, 171-A, Majestic Type 56, and Zenith Type 57, all in boxes and selling for $160.

DeForest catalogs, (3) 25
Design for Radio RCA Inst., etc., (4) 30
Duck 1921 radio supply catalogs, (3) 30
Early photos & prints, (3), (1) of the Curies in lab 27
Elec. World, History of Phil. Elec., inventors booklets, etc., (5) 70
Electrical Experimenter, teens, (7), f 100
Electrical Experimenter, 1913, '14, '16, '17 & '20, (12) 210
Electrical Experimenter, covers separate, (±6) .. 37
Emerson service parts & data, large album ... 40
EZ Radio, Westinghouse Radio Batteries, etc. .. 45
GE catalog & book, Westinghouse Supplies, Stewart Supplies, p 25
GE service albums, pre-1950, (3) 20
"German Telegraph Battalion," w/equipment, 18" x 24" framed photo,1905, stains 225
Gernsback Service books, 1930s, (3) 65
Harkness Radio & others, catalogs 35
Hi-fi magazines, 1950s, in binder, (±8) 290
History of TV, TV Guide 25 Years, etc., (5 books) . 30
Home Radio 1920s, Gilbert Eng., etc. 55
How To Build Sets, early 1920 radio, many issues 130
ICS Radio & TV Course, 1940 5
Kit plans, (3) 15
Lafayette, Harrison 1932, Rumsey, etc., catalogs, large lot 40
Lost Men, Thomas Edison, Phil. Elec. History, etc., (lot) 70
Magazine ads, backed, large box 20
Magazines, 1930s-1950s, may be cut up, (±50) . 110
Majestic ad posters, large, plastic, 1934, (2) 250
Marconi photo, on yacht, w/his wife, Sarnoff & Frank Stanton, framed, press release ... 130
Marconi stock certificates, framed and mounted display, different denominations, (5) .. 80
Modern Electrics, 1911 & *Electro Importing Co.,* 1910, magazines 120
Modern radio books, (15) 210
Navy SE143, Cotton Super, Loose Couplers, Radisco catalogue, etc., (5) 30

(Continued on following page)

(Krantz Auction-Part 2, continued)

Nipper key chain lot, (2), Edison pens, ads 12
Nipper tote, fuse display and phono needles ... 30
Paper & magazines, (large box) 50
Philco 24" x 18" service plaque, pressed embossed cardboard 25
Philco paper items, (±8) 25
Philco wood bank, about 5" high 35
Pilot paper including large drawings, (1) flat .. 22
Popular Radio, 1922-1928, (11), f 20
Popular Science Monthly, TV News, Radio News 1928-29, TV lot, e, ... 450
Popular Science Radio Call, Radio Engineering, 1920s, (6), etc., ... 95
Postcards, radio & Victrola related, (±30) 45
Poulsen Wireless (1918) & AT&T (1955) stock certificates, framed, (2) 190
QSL cards, old photos, radiograms, etc., large album, (100+) 100
QST & *Amateur Radio News,* 1930s, (5) 32
*QST*s and file cards of service info, lot 10
Quackery paperwork, large batch 100
Radian magazines (by Lefax), early 1920s, (8) .. 12
Radio & Television, 1950s, (±50) 22
Radio ads, etc., (3) albums 55
Radio Age, Radio Amateur 1919, *Radio Call* 35
Radio Broadcast, 1922, vg 22
Radio Broadcast, 1923-1925, (±8) 25
Radio Broadcast, Vol. 1, No.1, May '22, & others 35
Radio broadcasting paper, *Blue Book, Pacific Radio Log,* etc., large lot 85
Radio Builder, 1920, (±6), etc. 30
Radio Craft & Majestic ad posters, vg 40
Radio Craft & other paper, (9) 12
Radio Craft, Vol. 1, 1929, p 65
Radio Craft, etc., 1940s, box, p 20
Radio Craft, 1930s, (40-50) 120
Radio Craft, 1929 & 1930, (12) 120
Radio Craft, 1947 & 1948, (12) 12
Radio Electronics, 1950s, (±8) 15
Radio News Short Wave Manual, Vol. 1, No. 1, 1929, p 80
Radio News, 1920, (12), g 225
Radio News, 1920, (6) 110
Radio News, 1920s-1930s, (±30), f 47
Radio News, 1921, (2) 25
Radio News, 1922, (3) 20
Radio News, 1922, (5) 120
Radio News, 1923, (6) 40
Radio News, 1923, (10) 70
Radio News, 1923, (12) 170
Radio News, 1924, (11), f 120
Radio News, 1924, (8) 80
Radio News, 1925, (12) 100
Radio News, 1925, (4) 22
Radio News, 1926, (5) 20
Radio News, 1930s, (15-20) 27
Radio News, 1943, (15) 105
Radio News, 1944, (11) 55
Radio News, 1945, (11) 30
Radio News, early 1930s, (30) 75
Radio News, World War II military issues, (3) .. 40
*Radio News,*1921, (12), f 200
Radio Retailing Jobbers, (12), g 100
Radio Review, Vol. 1, No. 1, 1925, vg 25
Radio Trade catalogs, Baltimore, Hampton, Airline, etc., (±6) 20
Radio Trade catalogs,Chicago, Airline, etc., (±6) 30
Radio trade booklets, 1925, (±8) 60
Radio World , 1920s & 1930s, (32) 27
Radio World, (12) 10
Radio World, 1932, '33, '35, (±15, 10, 10) ... 15, 22, 27
Radio World, plus other items, (±8) 12
Radiola IIIA and Radiola 26 booklets 130
Radiola pamphlet, small, g 35
RCA ad items, cups & many other items 55
RCA ad items, Nippers, etc. 32
RCA data on house radios, 1931-1935, large album 30
RCA electron tube sign, large, metal-edge mount, mint 70
RCA emblems, small lot 40
RCA Nipper dogs, (4), (3) plaster, (1) china ... 60
RCA Nippers, lot 25
RCA Radiotron Designers Handbook, 4th ed., like new 55



The Krantz auction was a test equipment collector's dream come true! This photo shows just one small portion of the equipment offered for sale.

RCA service manuals, Radiola 1920-1930 .. 120
RCA small items, jewelry, tags, etc., box 130
RCA small plastic sliding letter puzzles, (12)..... 32
RCA TRK9 TV & Radiola III pamphlets & other paper 100
RCA TV manuals, early, large lot, vg 380
RCA TV tube manuals, (±12) 60
RCA Victor "His Masters Voice" jigsaw puzzles, (4) 35
RCA Victor ephemera and ad items, large lot.... 32
Rider's 1-5 abridged 45
Rider's 5 -16 60
Rider's Vol. 1 25
Rider's 1929 manual, Bateman 1940, RCA auto radio 1933, Cunningham item 325
Sarnoff, Armstrong, Tesla, etc., books, (5) 40
Sarnoff, Armstrong, Tesla, etc., hard-cover books, (±10) 20
Sarnoff, Steinmetz, Arvin, Scott, etc., (5) 60
Saturday Morning TV, History of TV, etc., (±5) . 5
Science & Invention, 1920s, (±6) 35
Science & Invention booklet, (8) 15
Science & Mechanics, 1940s, (8)..... 20
Scott transformer Co., etc., paper lot 160
Sears, Marvelo, 1920 & 1930, radio catalogs, (±6) 60
Service items, including (3) Red Books, (50-70) 320
Service manuals & catalogs, (10 binders)..... 70
Service manuals, (12 binders) 45
Service manuals, (8 binders) 45
Service manuals, early, (large binder) 250
Short Wave Craft, 1930s, (19) 60
Signs: RCA tube, Philco Service, Magnavox, Tung-Sol Radio/TV, GE, etc., (6)..... 42
Silvertone 1928-36 service & parts data 25
Sparton service parts and catalogs, 1930-1939, (2 boxes) 50
Stewart-Warner early service data, large album . 10
Stromberg-Carlson service data albums, 1930s-1940s 60
Table lamp, "We Recommend RCA Tubes, Batteries, Parts," tin, 5-tiered, about 12" high..... 100
Telephone literature pamphlets, (±8) 40
Telephone Pioneers, DeForest Training, National Radio & more certificates, framed, large batch ... 20
Test equipment manuals, large box 100

The auctioneer for the Childers & Smith Auction Co. walked from table to table asking for bids as the crowd followed him around.

Tubes still in their original boxes, such as these early Cunningham, Radiotron and Philco items, kept the bidding active.

Thordarson, Stewart-Warner, Freed-Eismann, etc., catalogs, (6) 70
Times Sq., Hammer, Resco, etc., radio parts catalogs, (4) 30
Tube catalogs, large folder..... 45
Tube Lore, Semaphore to Satellite, Amateur Radio, etc., most modern, (±5) 25
Tune In, 1943, 1944, 1945, (10), f..... 7
TV books, late 1930s, (2) 40
TV Guides & related TV material, early..... 12
TV magazines and booklets, 1930s, includes service info, (±12) 450
Victor letterheads and ephemera, batch 30
Vintage microphone book 35
Vintage Radio, AWA, A.R.C., Crystal Detector Handbook, 1939, large lot..... 40
Voice of Victor magazines, teens, (8) 200
Welcome home to Admiral Richard Byrd after flying over North Pole 90
Western Electric, 1945 renegotiation book, (war contracts) 20
Westinghouse service data, large album 10
Weston & other test equipment catalogs, (lot) .. 110
Wholesale Radio 1931, Standard Radio 1927, etc., catalogs, (±8 in large folder) .. 40
Zenith service albums, (±9) 70

Photos by Ray Chase and Ray Bintliff.

(Ray Chase, 1350 Marlborough Ave., Plainfield, NJ 07060)

(Childers & Smith Auction Co., PO Box 126, Arcola, PA 19420. (610) 269-1036. E-mail: harold@smithauctionco.com)

Estes Vintage Radio Auction
Seville, Ohio — May 22, 1999

CONTRIBUTED BY LARRY BABCOCK

Estes Auctions are held in an old barn in Seville, about 30 miles south of Cleveland, Ohio. I have attended these auctions several times over the past few years and found them to be equal to many of the auctions at radio meets, and better than some. This one was no exception, with a wide variety of old radio artifacts sold.

The auction facility is relatively primitive, but comfortable, and Richard Estes is an excellent auctioneer who really knows old radios. Collectors may recall that he was the auctioneer at the memorable Henry Ford Museum auction, and he officiates at Extravaganza in Michigan every year. At this auction, 368 lots passed the block in 5½ hours. Total sales were $22,870. Registered bidders numbered 121.

It used to be that cathedrals outpriced tombstones by a wide margin, but this seems no longer true. Tombstones sold from $55 to $305, averaging a bit over $90. Cathedrals averaged about $137, with the top price being $375 for a Philco 90 — a decline from about $700, a price I have seen in the past for this top-of-the-line set. On the other hand, a Majestic tombstone went for $75, despite its very poor condition.

Console prices were low, ranging from $5 to $25. Since collectors don't have room for these high performance sets, only the outstanding ones bring high prices. For example, a beautiful 1929 Radiola Electrola radio/phono with legs brought $500. A Majestic 17 sold at $100 and a Victor R32 at $85. I myself have always wanted a DuMont TV and could have purchased one for $5, but — where to put it when I got home?

Tops among the horn speakers was a tortoise shell Burns horn selling at $180, though a large segment of the bell had been poorly reattached. An unusual Atwater Kent horn with deep base sold at $150. Cone mantel speakers sold in the $20-$30 range, but a nice wooden cathedral, similar to the Peerless design, brought $50.

Of the dozen or so 3-knob TRF sets sold, a Grebe Synchrophase with the battery-box base brought the top price of $425. An A.C. Dayton in a white cabinet (possibly painted) went for $150, while other sets went for $50 to $125.

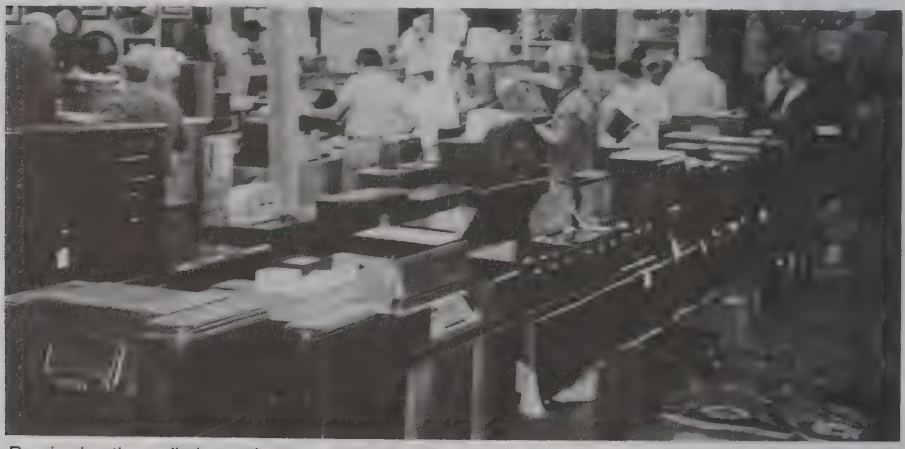
The star of the show was an Atwater Kent Model 10 breadboard, complete with tags and good tubes, selling at $1,600 — the highest price I have seen for a Model 10. An Atwater Kent 20C brought $85, while other Atwater Kent sets sold in the $25-$85 range.

Many AC small plastic radios sold for $5-$30. An earlier white and gold Crosley went higher at $85, and a white Coronado brought $105. Early nice TVs excited little interest and many brought no bid at all or sold under $10. A tiny Sony Watchman brought $22, while a collectible RCA 8-TS30 sold at $35, though it may have had no top.

At about 2:30 P.M., the auction had been running 4½ hours and was getting down to the lesser items. There were only about 25 bidders left, and the auction finally ended at 3:30 P.M.

There were only a few "no bids" here. That was mainly because the auctioneer was willing to start the bidding at a very low price — even $2. Most items unsold were big items such as consoles or TVs. The auction could have been sped up a bit if cheap lots had been combined and no bids had started below $10 or $20, as Estes does at the Michigan meet.

This auction report is from my personal notes. The conditions described are a combination of what the auctioneer said and what I saw from my front row seat. There are a few omissions and perhaps a mistake or two. I did leave an hour before the end, but only inexpensive items were left then.



Previewing the radio items that were to be auctioned at the Estes auction barn held on May 22, 1999.

Rich Estes plans to conduct four auctions during the 1999-2000 season. The first will be in late October, after the AWA meet in Rochester. It will contain many early items and even some Marconi equipment. That's one I'm not going to miss! Other auctions will follow in January, February, and April of 2000. Watch for the ads here in A.R.C.

The Comfort Inn, located in Seville, is the closest motel to the auction barn. The telephone number is (330) 769-4949. I prefer the Cross Country Inn in Medina, Ohio, about 14 miles away, but near many restaurants and a nice antique store. This is a AAA, 2-diamond motel, and with a senior discount, my room cost was only $30.94!

e=excellent, vg=very good, g=good, f=fair, p=poor, WT=with tubes, N.I.B.=new in box, wk-works, nwk=not working, BBT=brass-based, tipped, PB=push button, PS=power supply

A.C. Dayton XL20 TRF, 3-dial TRF, vg $115
Admiral 29G5 Plaskon portable, marbleized .. 25
Aetna tombstone, wood, f-g 115
Air King 300S table, wood, clean, vg 75
Airline 62150, tombstone, wood, wk, f-g 60
Airline table, Bakelite, like Arvin. 50
Airline tombstone, g 60
American Bosch table, small, wood, vg 70
Apex wood cathedral, no knobs, loose speaker... 45
ArKay table, small, white plastic, g 30
ARRL Handbook, & others, (3) 13
Arvin 152T table, black 15
Arvin 153T table, white, plastic 17
Arvin table, light blue metal, nice 15
Astatic D104 microphone 40
Astron regulated power supply 35
Atwater Kent 10 beadboard, mint, w/tubes and tags, g 1,600
Atwater Kent 20C, WT, vg 85
Atwater Kent 32, original condition, WT, g 85
Atwater Kent 33, WT, g 60
Atwater Kent 40 table, metal, vg 60
Atwater Kent 40, metal, dial, g 25
Atwater Kent cone speaker, g 35
Atwater Kent horn & driver, g 125
Atwater Kent horn, g 85
Atwater Kent horn, unusual, vg 150
Bendix table, wood, nice curved cabinet 20
Benjamin (?) RF coils, (3), in box 17
Bing Crosby, Jr., jukebox, (2), g, vg 90, 280
Bodine loop antenna, complete, f 100
Bosch Cruiser wood battery set, anchor grille, g 60
Brass blade fan, (4) 45, 45, 70, 95
Browning Drake R4 receiver, PS, speaker, transmitter, instruction book, wk 410
Burns horn, tortoise shell, broken, wk 180
Candlestick phones, brass, made into lamps, (2) 65
Cannon Ball Dixie headphones 5
Channel Master small transistor radio 20
Columbia phonograph. 17
Coronado 6D111 table, white, no PB, vg 105
Crosley 51, WT, g 80
Crosley 150 tombstone, g 90
Crosley table, black Bakelite 35
Crosley table, white/gold, plastic, vg 85
Crosley tombstone, refinished, vg 95
Dayton XL5, TRF, AC, w/white case, 3-knob, vg 150
Delco car radio, w/head & cables, 1935, g... 160
Dials, tube sockets, meter, etc., box 20
Drake TR3, etc. 95
Drake TR7 transceiver 270
Dynamic demonstrator, radio parts on a board, wk 30
Early tuner, (3) variometers in cabinet, g 55
Edison Diamond Disc and other 78 records, (2) boxes. 5
Emerson 888 transistor radio 20
Exide 12-cell wet battery, vg 100
Fada table, Urea plastic, white, small, vg 25
Farnsworth leatherette portable, nice 90
Firestone 4A1 table, small, Bakelite, vg 32
Freshman B Eliminator 7
Freshman battery set, vg. 80
Freshman Masterpiece TRF, 3-dial, WT, vg .. 135
Freshman Masterpiece, 3-dial, WT (3), g 20
Freshman Masterpiece, custom cabinet, not a 3-dial 70
GE 400 table, Bakelite, g 10
GE A63 tombstone, vg 105
GE detector/amplifier for Radiola V 55
GE tombstone, wood 70
GE Model 99 console 30
GEM radio books. 22
Gernsback Encyclopedia 20
Grebe Synchrophase w/battery box, WT, early model w/o chain drive, g 425
Grebe Synchrophase, chain drive, f-g 125
Grunow tombstone, g 60
Guild Town Crier novelty radio 75
Hallicrafters Sky Champion, f-g 45
Hallicrafters SR160, PS & accessories. 75
Heathkit 1G42 generator, w/manual & cable . 15
Home brew power supply for battery set 50
Home brew transceiver & PS 15
J47 telegraph key, no base 5
Jewel 5030 bed radio, brown plastic, g 27
Kennedy V, (3) tubes exposed, g 550
Kenwood 261A FM transceiver 125
Knight TR108 transceiver, 2-meter, vg 15
Kolster 1-dial battery set, vg 35
Little Gem record maker, toy w/blanks in box 60
Little Wonder home microphone, N.I.B. 15
Magnadyne TRF, 3-knob, g 50
Magnavox "A" horn speaker, f-g 95
Majestic 71 console 100
Majestic 330 console, g 60
Majestic B Eliminator 12
Majestic tombstone, chrome grille, p 75
Meck DB602 table, small, red, g 30
Microphone & voltmeter 60
Microphone, public address, 1950s 8
Morant (?) superscope 40
Motorola 53C radio. 15
Motorola Golden Voice console, 1950s 5
Motorola portable, w/dial in handle. 15
Music Master horn speaker, bell, Bakelite 75
National NC300 receiver, no case 50
Operola horn speaker, wk p, looks g 50

(Continued on following page)

(Estes Auction, continued)

Peerless cathedral speaker, g 50
Pfanstiehl battery set, g 50
Philco 15X,w/2 speakers, nice. 130
Philco 50 console, small 30
Philco 60 console, chassis fits cathedral, no knobs 10
Philco 70, no speaker, no grille cloth, wrong knobs, p 55
Philco 86 console, looks g 65
Philco 90, cabinet f-g, wk 375
Philco 91 console 20
Philco 91 console, twin speakers 70
Philco 118 console, late 1930s 12
Philco 610 tombstone, 1936, g 75
Philco antenna kit, 1937, nice, vg 40
Philco cathedral, f-g 45
Philco console, 1941 15
Philco F10 mantel speaker 20
Philco Neutrodyne table, w/speaker 50
Philco table wood, 1940s 50
Philco table, wood, 1940, g 60
Philco Transistone table 20
Philco Transitone table, black plastic 20
Phonograph record, children's, etc. 25
Pilot Super Wasp, AC, no case 50
Pilot Super Wasp, parts missing, no cover 75
QSL cards, 1920s, box 12
Radio City tube tester. 20
Radio keg, barrel radio, promotional, 1933 .. 305
Radio Patrol, Big/Little book. 15
Radio Star magazines,1934, (2), g 6
Radiola 100 drum speaker 20
Radiola 100 speaker, (2), g 25, 30
Radiola 100A speaker, g 30
Radiola Electrola console, w/phono, late 1920s . 500
Radiola III, small crack on panel, w/Type 99 tubes & adapters, g, ... 80
RCA 8TS30 table TV, no top, g 35
RCA 9X51 table, plastic 30
RCA 85T table, wood 12
RCA 143 tombstone, wood, vg 305
RCA 551 table, black Bakelite, g 22
RCA 1923 delivery van toy, N.I.B. 20
RCA battery display case, glass fogged 25
RCA key chain flashlight. 12
RCA mantel speaker, g 25
RCA Nipper tray, new 7
RCA service truck toy, N.I.B., (rebid) 25
RCA sign, "Shop Covers," 2' x 3', red 25
RCA TV service data, military 10
Sams Auto Photofact, box 6
Sentinel table, white plastic, vg 60
Signal Corps BC 221, olive drab 10
Silvertone 1850 farm set, f-g 50
Silvertone battery set, PS, wk, nice 90
Sony Watchman TV, very small 22
Sparton 7-sided peach mirror, new, nice 110
Starlight table, very small, Japanese. 22
Steinete, AC, w/99 tubes, g 135
Stewart-Warner shortwave converter, wood cabinet 7
Stewart-Warner tombstone, missing knob, g . 55
Tektronix 535 oscillator, w/head & cartridge, wk, vg 45
Telechron clock radio table, small, brown plastic ... 5
Telegraph sounder, early 37
Teletone 100 table, wood 10
Transitone table, small, plastic, PB 45
TRF battery set kit, 3-knob, UV-199, (5) 30
TRF kit set, 3-knob, g 30
Triplett tube tester 10
Tube(s): 45, (3); some Arcturus etc., (25) 65
Tube(s): 81, (2), 50, (1), fils g 115
Tube(s): 99, (3); 71A, (2);. (10) total, fils g 50
Tube(s): 202, BBT; 0-1A, BBT, open 10
Tube(s): 300B, (2) 300
Tube(s): 6146, etc. 20
Tube(s): Arcturus 30, blue, wk 20
Tube(s): Bell amplifier, octal 10
Tube(s): DeForest 20, open fil 5
Tube(s): DeForest Audion, chrome base 12
Tube(s): DeForest DV-2 (?), fil g 15
Tube(s): DeForest DV-3A, rare, open fil 12
Tube(s): Globe 0-1A, (3), g; 3BPL CRT, (1) ... 15
Tube(s): Globe 45 & 47, (3), fils g 12
Tube(s): Moorehead, BBT, open 15
Tube(s): RCA 40, N.I.B. 15
Tube(s): Tung-Sol globe 47, N.I.B. 17
Tube(s): UV-199, (5), g 50
Tube(s): UV-201A, (2), fils g. 40
Tube(s): UX-99, (8), UX-220, (1), N.I.B. 250
Tube(s): UX-12, N.I.B., fil g 25
Tube(s): WD-11, Bakelite, fil g 25
Tube(s): WD-11, BBT, N.I.B., g 105
Tube(s): WE 101F, N.I.B., (2) 65
Tube(s): WE 101M 7
Tube(s): WE 101M, in box, sealed 70
Tube(s): WE 264, fil g 5
Tube(s): WE 274A, N.I.B., (2), fils g 250
Tube(s): WE 310B, N.I.B., fil g 80
Tube(s): WE 328 & 336, (1) bad. 12
Tube(s): WE 350B, (2), fils g 50
Tube(s): WE 354A, (2) 27
Tube(s): WE VT-2, open fil 10
Tube(s): WE.354A Thyratrons, (2), (1) w/g fil 10
Victor R32 console, 1929 85
Victoreen coils 45
Victrola 2 reproducer & needles. 25
Wall phone, with dial 30
Wards Airline console, 1940s, g 10
Wards Airline console, w/45 tubes (2), wk 45
Westinghouse, w/tubes, dirty 175
Westminster cathedral, f-g 85
Zenith 6D456 console, g 45
Zenith chairside, 1939, very nice 165
Zenith console, 1940 20
Zenith portable, leatherette, airplane grille. 75
Zenith Royal 500 transistor radio, vg 32
Zenith sign, "Watch Us," plastic 40
Zenith sign, 3' wide, plastic 25
Zenith sign, paper, 4' high x 12' wide 20
Zenith statuette, President Award of Excellence. . 35
Zenith statuettes, President Award of Excellence, (2), f 25
Zenith table, wood, modern, g 20
Zenith Trans-Oceanic portable, 1946, vg 55
Zenith Trans-Oceanic portable, (2), f-g 30, 35

(Larry Babcock, 8095 Centre Ln., East Amherst, NY 14051)

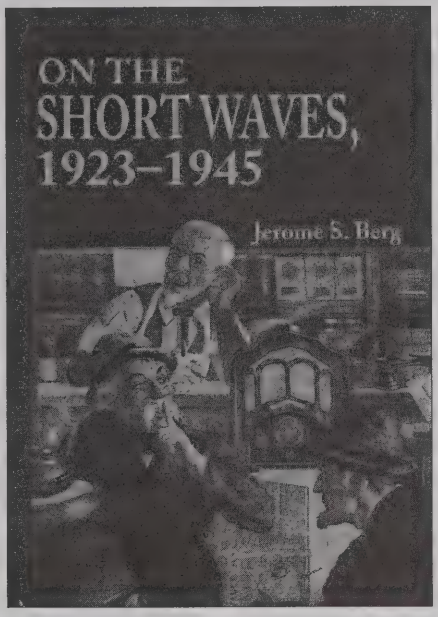
(Estes Auctions, 7404 Ryan Rd., Medina, OH 44256. (330) 769-4992)

BOOK REVIEW

On the Short Waves 1923–1945
By Jerome S. Berg

REVIEWED BY BART LEE

Radio on short wavelengths opened up the world. Commercial interests exploited the discoveries by the amateurs in the early 1920s that wavelengths under 200 meters could girdle the globe. The broadcasting craze of the 1920s featured a desire to hear distant stations— DX. The shortwaves on which stations began to broadcast in the late 1920s and early 1930s made worldwide DX a nightly event. Like local broadcasting before it, the shortwave broadcasting of the 1930s generated an enormous enthusiasm.



Jerry Berg has now chronicled the history of that phenomenon. We owe him a debt of gratitude. He has written a very good book indeed — *On the Short Waves, 1923-1945.* Everyone who has ever tuned a dial above 1600 Kc ought to buy it. You'll like it.

On the Short Waves tells the story, not only of broadcasting, but of shortwave listening as well. Jerry quotes Hugo Gernsback in 1926, "I cannot imagine any greater thrill than that which comes when I listen, as I often do, to a station thousands of miles away. It is the greatest triumph yet achieved by mind over matter."

Jerry tells who the broadcasters were, and in the increasingly tense 1930s, what they were trying to do. He provides great detail on the listeners as well, not only the hobbyists and casual listeners, but also the World War II volunteers who monitored tirelessly for news of prisoners of war in order to notify their families.

The book distills station histories, equipment, publications, ephemera (e.g., QSL cards and EKKO stamps), personalities, clubs, and events of the world into 272 pages of well written and superbly illustrated text with scholarly notes and a thorough index. Outstanding as it is as a source of historical material, the book is even better for enjoyable reading by anyone with an interest in radio, its powers and its development. Not until the coming of the worldwide Web on the Internet has a technology had so much impact on the world of nations.

Shortwave radio, as Jerry tells the story, made us all internationalists because it brought the voices of the world — unedited, unmediated, and unspun — directly into our homes. They came, not only into our "radio rooms," however modest, but also into our living rooms. We could hear the world and make up our own minds about what we heard. DX took on meaning, and the book lays it out. To this day, a shortwave radio provides an unmatched ear to the world, and we should be thankful to Jerry for telling its history so well.

But what of an encore? A compact disk with this story, and with accompnying audio and illustrations in color? A coffee-table book with color illustrations updated to the 1990s? A second volume — *1945-1995, The Cold War in the Ether*? If Jerry does any of these, you may be assured that they will be of high quality — equal to that of this book.

On the Short Waves 1923-1945 is available for $42.50, plus $4 ($6 foreign) shipping, in a 280-page, 7½" x 10¼" hardcover format, from the publisher McFarland & Co., Box 611, Jefferson, NC 28640. Orders: 1-800-253-2187; Fax: 336-246-5018; www.mcfarlandpub.com. It is also available from other booksellers.

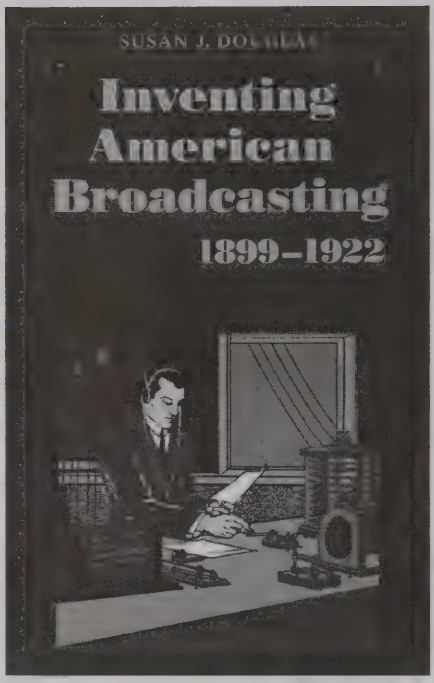
Note: I am personally indebted to Jerry Berg for my presentations on shortwave radio history at recent AWA conventions.

(Bart Lee, 327 Filbert Steps, San Francisco, CA 94133)

BOOK REVIEW

Inventing American Broadcasting 1899-1922
By Susan J. Douglas

REVIEWED BY PAUL JOSEPH BOURBIN



While there are many good histories of radio and broadcasting available today, most of them center around the equipment or the personalities within the industry. Yet, radio did not develop in a vacuum. Indeed, radio and broadcasting were strongly influenced by society as it was and events that occured during the early part of this century. Broadcasting was, as the late D. H. Moore would say, "a sociological phenomenon." This is the approach Susan Douglas takes in her book, *Inventing American Broadcasting 1899-1922,* which explores the evolution of broadcasting.

This book is quite different from Eric Barnouw's excellent book, *A Tower In Babel*, which looks at broadcasting from an industrial point of view, or Tom Lewis' book, *Empire Of the Air*, which examines broadcasting in a study of three of the major personalities involved with radio. Douglas feels that to really understand broadcasting, we must study it in the context of the social and economic times in which it evolved.

One would think that a study of broadcasting would start with the KQW broadcasts of the 1910s or broadcasts of the early 1920s pioneered by KDKA. Indeed, that is where Douglas planned to start. However, as she delved more deeply into the events leading up to regular, commercial broadcasts, she realized that we would have to go even earlier to the very beginning of wireless to understand how broadcasting came about. Therefore, this book ends with the birth of broadcasting.

In the introduction, Douglas discusses the three factors that she believes were necessary for broadcasting to evolve: 1) technology — control of a working *system* (not just individual components properly protected by patents) necessary to making broadcasting work; 2) the capital and business strategy needed to exploit this technology; 3) control of the media to shape public opinion and promote society's desire for the technology.

This third area is often overlooked. While the media of the time did not invent broadcasting, they had tremendous influence as to how it would be shaped. It is to these three areas that the book is devoted.

The first chapter covers the inventor-hero concept popular during the time of Marconi's wireless reports of the America's cup races of 1899. The individual inventor, like Edison in his early days, struggling to invent something for the betterment of humanity, was much admired by American society at that time.

The second chapter details the struggle by different inventors to make a complete technological system that would work better than competing systems and, at the same time, circumvent competitors' patents. Each inventor wanted to monopolize the industry for his own profit.

The third and fifth chapters discuss the financial aspects of broadcasting. It was not enough to have a great invention; one had to sell it. While some were struggling for capital, others were cashing in on the aura of wireless to sell worthless stock. After many people had lost their money in bad investments, they began to look at the inventor-heroes as single-minded villains who were taking their money.

The fourth and sixth chapters cover the influence of the U.S. Navy and amateurs. The Navy, after inital reluctance, became a major buyer of wireless. Since wireless companies needed capital, they were strongly influenced by the Navy to make apparatus to Navy specifications. Since the

Navy was mainly interested in reliable, point-to-point communication, the Navy influenced the direction wireless was to take for a while.

Amateurs were able to make homemade apparatus fairly cheaply. Soon the amateur wireless hobby grew to the point where there was a conflict between the amateurs, who believed "the air" was free for all, and the Navy, who wanted strict control in the name of national security. Amateurs prevailed for a while, because no one was sure how to regulate that which was so nebulous.

The seventh and eighth chapters show how things changed as a result of the *Titanic* disaster. When rescue efforts and later information on survivors were hampered by wireless chaos, interference, and lack of regulation, people demanded regulation. The government, prompted by the Navy, began regulating the wireless industry and amateur stations.

The advent of World War I reinforced government control. However, during World War I, government control of some industries, like the railroads, turned out to be a disaster. Public opinion then shifted to corporate control of radio. The public believed that corporations were benevolent in their use of inventions. By this time, the inventor-hero had mostly disappeared, and the large research laboratories had taken over much of the development of technology.

The final chapter brings together all the parts necessary for commercial broadcasting to begin. The formation of RCA combined patents so that good quality apparatus could be made. Amateurs were no longer thought of as pests, because, during the war, amateurs had helped to fill the great need for radio operators. Soon, some of them started broadcasting music and other interesting material to which all could listen.

It soon occurred to radio manufacturers that you could sell a lot more radios to "Everyman" than just to licensed commercial and amateur operators. Thus, broadcasting was born.

The epilogue discusses the fact that, while a lot about broadcasting has changed since the beginning, an amazing amount has not. Broadcasting is still controlled by major corporations. Corporate-military connections are stronger than ever. Broadcasting has become one medium strongly influencing public opinion. The sale of advertising finances broadcasting, just as it does print media.

The book finishes with extensive notes allowing readers to delve more deeply into subjects that interest them. These notes show the depth and extent of the author's research. There is also a very good index.

Douglas has managed to avoid perpetuating many of the myths about early radio that trap other authors. The context of her book is that radio was just one of the many forces of change at the time. Things that appear strange to us now make sense when viewed in the perspective of the prevailing social climate of the era.

On the down side, Douglas does not have the technical expertise to explain clearly the circuitry and apparatus used in early radio. Whether the reader is an expert or a novice, he will find some of the explanations a bit obtuse. However, this is not a technical book, and the lack of technical explanation does not detract from what is meant to be a sociological study.

Overall, *Inventing American Broadcasting 1899-1922* is a well researched book and merits a place in the library of anyone interested in broadcasting from a sociological-historical viewpoint.

Published by the Johns Hopkins University Press, the book has 363 pages in a 6" x 9" paperback format with about twenty illustrations. It is available from *Antique Radio Classified* and other booksellers for $14.95. Be sure to check for shipping information.

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(Paul J. Bourbin, 25 Greenview Ct., San Francisco, CA 94131)

"Wireless Fever"

BY BOB BREESE

In 1922, Herbert Hoover was Secretary of Commerce and described the "wireless fever" as "one of the most astounding things that has come under my observations of American life." In her book *Inventing American Broadcasting 1899-1922,* Susan J. Douglas does a wonderfully accurate job of telling the story of that "wireless fever" era.

This history of the events leading up to the advent of American broadcasting includes the story of the inventions of the wireless telegraph and the wireless telephone in the context of the cultural history of the period. World commerce was rapidly growing, a world war was fought, the *Titanic* sank, and the automobile was replacing the horse.

Douglas gives individual inventors a great deal of deserved attention and credit for their individual roles in the development of radio. The book is worth reading just to gain a better appreciation of these men.

But, the book is much more. It is the story of amateur radio operators, as well as of capital and the quest for profits, which turned wireless inventions into profitable commercial enterprises. The result was the formation of the Radio Corporation of America and the active participation of corporate giants — General Electric, Westinghouse, and AT&T. It is also the story of how the Navy tried to gain control over radio, told in a very informative way.

In all, Susan Douglas' study of the era of "wireless fever" is well researched and very good reading. It should be read by all who are interested in the history of early radio.

(Bob Breese, 50877 Deer Run Trl., Elkhart, IN 46514-8503)

RADIO MISCELLANEA

"Radio Miscellanea" includes items of general interest selected from A.R.C.'s incoming correspondence. "In The Marketplace" items are based on information submitted by the businesses themselves. "From The Internet" items are obtained from internet newsgroups and other internet resources. Submitted items should be verified for accuracy; items may be edited by A.R.C. for publication, and publication is not guaranteed. See the masthead for more details.

Always Verify Event Schedules

Dear Editor:

The full-page ad that appeared in the May, June, and July issues of A.R.C. for the Michigan Antique Radio Club Extravaganza '99 said that the event would take place July 8-11 (an "expanded 4-day event").

We traveled 600 miles round trip, as we have for the past several years, to attend the first day of the meet. Upon arrival, we discovered that the flea market lot was completely devoid of vendors. In checking with the hotel, we were informed that many other attendees were also alarmed to find that the flea market did not begin until Friday, July 9, the same as last year.

This gross misrepresentation [by the advertiser] is totally inexcusable and has caused undue hardship and expense for out-of-town and out-of-state attendees.

Joe Esdale, Highland Park, IL

There are two issues here — (1) when the meet starts and (2) when the flea market starts. This meet started Thursday with a museum visit and registration. However, one could argue that the notation "Huge Open Air Flea Market" should have made clear that the flea market did not start on Thursday, but on Friday. No doubt, MARC will make that clear in next year's ad. On the other hand, A.R.C.'s club events box lists what occurs on each of the four days. And note also that our "Coming Radio Events" pages always contain a box warning participants to check dates, places, and times of events, since cancellations and errors do occur.

In regard to club scheduling, one more point is worth making: when a meet moves its opening day forward, attendance and activity dwindle on the last day — the day that new and potential collectors usually show up. (Editor)

Don't Burn Out Your WebTV

Dear Editor:

I just read Part 4 of Dick Desjarlais' very good series on WebTV. I just wish the article had been published before I bought my first unit back in October 1998. It was a Samsung, and I had a lot of trouble with the unit. I sold this unit and got a Philips Magnavox.

I found out the hard way about how to connect a camcorder to the unit. Neither the Samsung nor the Philips manual mentions that the WebTV unit must be unplugged or you will damage the unit components and destroy your ability to send photos. This happened to me before I received a brochure warning of this hazard several weeks later in the mail.

Greg Sheppard, Rockville, MD

More on Handling Radios

Dear Editor:

Never lay a radio down on its back with the top towards the driver's seat in a vehicle. When the radio is slid out, the veneer on the rear edge of the top can be damaged or delaminated, and pieces can break off.

Stan Lopes, Concord, CA

The Radio Collecting Family

Dear Editor:

It has been two years since I advertised in A.R.C. I should have sent the enclosed ad a year ago, but I have been just too busy. That may seem strange, as I have recently passed my 91st birthday, and in October 2000, I will have been in this electronic business 75 years. How time flies!

My experience with ads in A.R.C. has been very great. I have sold a lot of items, and now I am trying to clean up odds and ends. The guys who call me are great. I receive calls and letters from some of them, not just on business, but also just to talk. I have even received a few birthday cards. I really appreciate these cards. They make me feel that we are all part of a great big family.

I have an electronic exhibit in conjunction with the Old Stone Fort Museum here in Schoharie. I am waiting for more shelves to exhibit a lot more — all old stuff of bygone days. This is a permanent exhibit, as I have donated all of the items to the museum.

Edward Scribner, Schoharie, NY

TV Land and WebTV

Dear Editor:

Just a note to say how much I enjoyed Ray Bintliff's article on "RCA TV Land" in the June issue. I also remember the year 1946 when I purchased a Transvision 7" TV from Sun Radio, Washington, D.C., in kit form for $150. There was one TV station — WTTG, Channel 5. No one on my block had a TV, and everyone wanted to see it in operation. I added a 10" magnifier, and my mother, who was convinced she had a genius on her hands, invited as many people as our living room would hold to watch the Louis Conn fight, June 19, 1946. That did it — everyone there could not wait to buy a TV set.

Later, I built a 10" Transvision that my daughter was still using in the 1970s (converted to a 17"). Both sets worked very well.

The June issue also had other interests for me — I just purchased a WebTV to get me on the Internet (see Dick Desjarlais' article on Page 30), and my collection is the one featured in the auction report on page 26.

Charles Mooney, Bowie, MD

Kudos to RCA TV Land Article

Dear Editor:

I am writing to tell you how much I enjoyed the June 1999 issue titled, "Adventures in RCA TV Land" by Ray Bintliff. As one of those engineers too young to have experienced the birth of television, Ray's article does a great job of telling us "how it was" back in the 1940s. This article was informative and entertaining. Please pass along my thanks to him.

I always find A.R.C.'s retrospective and tutorials fascinating, and Ray's articles are among the best.

Pat Martone, Melrose, MA

WANTED: Chassis for Sonora TW-49, or will buy damaged radio, as long as pushbutton mech. is OK. Doyle Roberts, HC 63, Box 236-1, Clinton, AR 72031. (501) 745-6690. E-mail: drob@hypertech.net

WANTED: 1920s and 1930s Army, Navy equipment and manuals, any condition. Big stuff, too! William Donzelli, 15 General MacArthur Dr., Carmel, NY 10512. (914) 225-2547. E-mail: aw288@osfn.org

WANTED: Stewart-Warner chassis R-126. Fits Model 1261, 1262, 1263, etc. Stan Renna, 4115 Shadydale Ave., Covina CA 91722. (626) 962-5965. E-mail: radioman@surfside.net

WANTED: Cabinet for Silvertone radio Model 1908, in good condition. Donald Zimmerman, RR1 Box 35, Grafton, IL 62037. (618) 885 5505. E-mail: cotton@gtec.com

WANTED: RCA 143, Atwater Kent 356, Philco 90, Stewart-Warner R-1301-A, excellent condition and original finish. Mark Murphy, 300 N. State St. #2101, Chicago, IL 60610. (312) 467-4205. E-mail: PiscoCal@aol.com

WANTED: McMurdo Silver 802 HF ham radio receiver. Jim Miller, WA2UMP, 32 Garretson Rd., White Plains, NY 10604. (914) 644-2603. E-mail: jmiller@basit.com

WANTED: Navy xmtr/rec AN/MRC-6 and equipment generator for MB jeep recon car. Hank Bredehorst, 2440 Adrian St., Newbury Park, CA 91320. (805) 498-8907

WANTED: Japanese Star or Starline made ham receiver SR-500, SR-550, SR-600, SR-700 and ST-700 transmitter; Lafayette HA-350. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: taka-doi@a2.ctktv.ne.jp

WANTED: AK 228, 627, 387 cathedrals. Large 21" Music Master horn. Part or whole horn phonographs. John F. Yanalavitch, 153-19 75th Ave., Apt 2G, Flushing, NY 11367. (718) 268-6413

WANTED: Philco 41-81, 89C w/strap in 40. Ichiro Yamada, 10-21 Chiyodadai-cho, Kawachi Nagano-shi, Osaka, Japan 586-0027. Ph/fax: 011-81-721-52-4695, mid/eve., local. E-mail: yamada1r@silver.ocn.ne.jp

WANTED: Battery farm sets. No junkers, please. John Evans, 8511 Thompson Rd., Highlands, TX 77562. (281) 426-3952. E-mail: jevans35@juno.com

WANTED: Radio chassis/speaker for Stewart-Warner R-1264A, chassis R126. Mr. & Mrs. L. M. Page, 4138 North Hwy. 41, Mullins, SC 29574-9359. (843) 464-6887. E-mail: Pagehaven@aol.com

WANTED: Sony chip number CXA1191S (137893V) for my replica Sparton Bluebird radio made in France by TSM Electronics Model number AR 50. S. Abramson, 1190 Colgate Dr., Monroeville, PA 15146-3535. E-mail: sabrams@nb.net

WANTED: Complete, restorable corner console, such as Stromberg-Carlson 340V, 340W, 340Y, 350V. Ted Rogers, 6938 E. Waco Dr., Syracuse, IN 46567. (219) 457-8886

WANTED: Junker RCA 45 players; junker Truetone D714, must have all the cabinet parts. Does anyone know if Premium Parts are still in business? Norm Secor, 3333 Grand Ave., #271, Des Moines, IA 50312. (515) 277-4243

A.R.C. Advertising Policy
Sellers and Buyers, Please Note!
Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

WANTED: Electon tubes, ball bearings, radio & aircraft receivers & transmitters, connectors, lamps, relays, switches, breakers. Hy Ness Company, 709B Delair Rd., Cranbury, NJ 08512-4212. (609) 395-1116. Fax: (609) 395-1117

WANTED: Help! I need cat whisker wire for crystal sets, pre-wrapped copper coated steel, or brass or whatever you have, long and short extender wire. Harry MacMullan, 469A Garnet Mine Rd., Boothwyn PA 19061. E-mail: harry.macmullan@phl.boeing.com

WANTED: RCA 121 or General Electric K-64 cathedral radio. Mark Hewitt, 6659 Tipperary Trl., Roscoe, IL 61073. (815) 623-8729

WANTED: 4-6L6 amp with cage. Tubes: 6ES8, 7241, 6851, 6854, 252A, 383A. Tom Miller, PO Box 20138, London Terrace Sta., New York, NY 10011. (212) 675-7704

WANTED: Power supply for Gonset G66, coils for FB7 and early HROs. R. Haworth, W2PUA, 112 Tilford Rd., Somerdale, NJ 08083. (609) 783-4175

WANTED: Magnavox Inter-continental AW100, 100% mint condition. Photo appreciated, will return. Kenneth F. Cerva, 3851 Harbor Heights Dr., Largo, FL 33774-1209. (727) 584-6471

WANTED: Paying $600 for RCA 10T tombstone (not 10T11 chromed model), 10 tubes/including eye, magic brain. Must be excellent and original. Need not work. Igor Golioto, 17 Addison Dr., Fairfield, NJ 07004. (973) 463-4973. E-mail: golioto@gdats.com

WANTED: Zenith 7G605 bomber door chassis for Zenith 39A or 40A. Lewis Warner, 603 Pleasant View Ave., Pasadena, MD 21122. E-mail: marula@northrock.bm

FOR SALE: Lunalit, one and only! (Plate 612, Bunis & Breed novelty radios guide) – $300. Gerald Schneider, 3101 Blueford Rd., Kensington, MD 20895-2726. (301) 929-8593

FOR SALE: Zenith T-O, 3000-1 – $110. Zenith 615 – $25. Westinghouse WR-224 – $50. All excellent cond. Arthur Kreitner, 2013 E. Belle Ave., Belleville, IL 62221. (618) 233-5610

FOR SALE: GR 1800-A VTVM – $95. Jackson 636 tube tester – $50 plus shipping. Ross Wollrab, 9990 Holly Lane, Apt. GS, Des Plaines, IL 60016-1428. (847) 759-0651. E-mail: rewollrab@aol.com

FOR SALE: Radios, schematics, speakers, magazines, radio TV parts. Florian A. Rogowski, 25103 Cunningham, Warren, MI 48091

FOR SALE: Philco 90 chassis only, restored – $160. 40s-60s record changers, clean, unrestored OEM's – $35 ea. Jensen & Utah 12" PM speakers – $15 ea. Sparton mirror TV. John Eckland, 969 Addison Ave., Palo Alto, CA 94301. (650) 323-0101

FOR SALE: Sams 1977-3089, unused – $2 plus postage. Joe Koehler, 1919 W. Nimisila Rd., Clinton, OH 44216. (330) 882-5281

FOR SALE: WWII aircraft transmitter T-47/ART-13. Contains 11 tubes, 813, 811s, 1625s, etc. Make offer. You pick up. Willie Carr, N4XE, 2739 Colonial Ave., Roanoke, VA 24015. (540) 343-5606

FOR SALE: Never used Chicago Transformer Corp., sealed in steel PCR-200 power transformer and matching RS-12200 filter reactor. Primary: 117 volts AC. Secondary: 520-0520 volts. DC output: 390 volts @ 200 mA; Rectifier: 5 volts @ 2 amps; 2 - 6.3 volt filament windings: 4.5 amps and 1 amp – $79 plus shipping (22 lbs). Bob Eckert, 133 East 7th St., Clifton, NJ 07011-1104. (973) 340-0579

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Sat 8 AM
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FOR SALE: Advent 300 receiver; Loewe Opta R158 radio; GE rare GD500 midget Bakelite; Aquatron VX33 Space Helmet; 50s B-T Bakelite UHF converter; Hafler DH110 preamp; Philco 280 Jr. Nice mantle clock radio, (Bunis 1, p. 119); Mirandella 3" tape recorder, in original box; Ambassador ATO100 Trans-O-Clone. **WANTED:** Temple G 724 radio knobs. 7-inch Admiral TV cabinet or junker set. Charles Harper, 2000 Jackstown Rd., Paris, KY 40361. (606) 484-9393. E-mail: Charper@kyk.net

FOR SALE: 1960s Gates top level stereo broadcast limiter – $450. Mark Schackow, 307 4th Ave. E, Lemmon, SD 57638. (605) 374-3424

— WANTED —
PICTURES FOR PHOTO REVIEW OR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR ADDITIONAL INFORMATION

FOR SALE: BC669A transceiver. Will ship. Pete Anderson, 601 N. Turner St., Hobbs, NM 88240. (505) 392-8866

FOR SALE: Victor amplifier Model O Davenport Iowa – $75 + UPS. Kenneth Miller, 10027 Calvin St., Pittsburgh, PA 15235. (412) 242-4701

FOR SALE: Radio parts, books, radios needing T.L.C. Send SASE for 6 page photo list. Phil Majewski, PO Box 92, Tamaqua, PA 18252

FOR SALE: I'm back! Tube Amps: (2) ea. DuKane 1A475 (100 W), (2) ea. DuKane 1A360 (50w) (2) ea. Grommes-Precision G101A (100w). One ea. Strom/ Car Mod 22 (dual 25 w in/out) AU38B 50 watt 2 inputs, all made U.S.A. designed for continuous operation. Also (1) ea. Bogen M120 (120w) Challenger (50 w). Solid St. DuKane 1A803 (100 w) matching 5 input mic mix Mod 2A65, new in original box, Nikko stereo S/S 105 watts ea., equalizer 7 inputs RCA 106 floor spkr. Powerizer (1930) 50 watt final stage class A amp floor rack. Several speakers, parts etc. send SASE. Edward Scribner, PO Box 279, Schoharie, NY 12157. (518) 295-8819

FOR SALE: WWII German military receiver Model KW.E.a, 10 tubes, SASE for photo, full information. S.T. Carter, II, W4NHC, 680 Fernwood Dr., Melbourne, FL 32904-1995. (407) 727-3015

FOR SALE: Heathkit EK-1 volt and ohm meter, with all parts ready to be assembled including manual with various experiments to perform. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (480) 947-1375

FOR SALE: Want to read about crystals, the heart of a crystal set? Then this is for you. Crys Tech Report No. 8, describes the minerals, mineral combinations, and man made products used during the wireless period and early broadcast days for – $9. Report No. 11 covers 61 minerals available today, giving sensitivity and other important properties – $11. Now you can replicate the past or make an unusual new detector. Order reports postpaid in U.S.A. from: Crys Tech, 530 Topeka St., Kingman, AZ 86401

FOR SALE: Crosley Super-Trirdyn nearly complete chassis. Face panel broken. Make offer. Richard Gentry, PO Box 9274, Phoenix, AZ 85068-9274

WANTED: Astatic microphone Model 600-S Conneault. David Mednick, 10 Doe Dr., Wesley Hills, NY 10901-2302. (914) 354-5041. E-mail: davemed@acd-pc.com

WANTED: Zenith shutterdial consoles/tombstones, 7-D-168, Philco cathedral 70 cabinet, radio lightning arrestors, Hoppy Radio, Belmont 6D111. Bob Eslinger, 20 Gary School, Pomfret Center, CT 06259. (860) 928-2628

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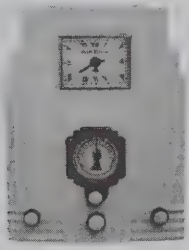

WANTED: Air King Skyscrapers, wealthy extraterrestrial seeks examples of this architectural marvel for new intergalactic communications museum. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Sprague T-06A capacitance analyzer. Need transformer. Wurlitzer 600 jukebox: need red right pilaster cap & escutch. Del Fankhauser, 6 Don's Dr., Mission, TX 78572. (956) 585-3209. E-mail: delfish@hiline.net

WANTED: Garod Commander 6AVI chassis and yellow knob(s). Will buy complete damaged radio. Thanks. Pete Jaber, 281 McDowell St., Ashville, NC 28803. (828) 277-2060

WANTED: Crystal sets, crystal radio kits, toy crystal sets and pocket crystal radios. Erwin Macho, Ambrosweg, 17/A/8, A-1230 Vienna, Austria. Fax: ++431/8874355

WANTED: WWII Japanese military radio of any kind; anything WWII Japanese military hardwares especially aircraft related. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: taka-doi@a2.ctktv.ne.jp

WANTED: Schematic for Precision Model 10-60 electronamic tube and transistor tester, or complete tester in working condition. Dick Enos, 2906 Croydon St., Denton, TX 76201. (940) 565-0224

WANTED: Suction cups (2) black, for RCA Strato-World 3BX671 window mount antenna. Bob Sherwood, 202 D SW, Miami, OK 74354. (918) 542-6058. E-mail: sherwb@hotmail.com

WANTED: Original photographs of storefront window displays or dealers showcases of transistor radios. J. Black, 132 N. Burns, Valley Center, KS 67147. E-mail: jblack@southwind.net

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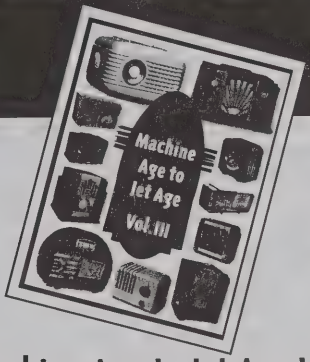

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FOR SALE: Ampex AG440C, 7.5/15 servo capstan, half track stereo, works fine, manual – $750. Fred Kaeppel, 23740 Fairmount Blvd., Shaker Heights, OH 44122. (216) 464-7840, eves. E-mail: kaeppel@stratos.net

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Oct. 10 for Nov. 1999 Issue
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FOR SALE: Transistors: Can of paint – $75. Jimmy Carter peanut – $75. Mickey in arm chair, mint in box – $20. Music city Mickey and Minnie, mint in box – $25. Jet black dog lg – $55. Elvis nice, plays – $75. (5) 201-A good, used – $35. (5) 209 tubes – $50. (5) Blue No. 27 – $50. Butterscotch Catalin clock runs – $90. Western Electric sounder in sound box in stand with original wire hook up – $120. (2) Telefunken R3 337 120v 2 1/2" x 10", (1) 50 42 2 1/2 x 10", (1) 35 42 7" x 3", all have 2-5 prong and 2 caps, brass – $40 each. Transmitting tubes G1404 German tube has wire from cap down to base, Bakelite cap 2 1/2 x 7" – $25. Thomas Edison oil bottles – $12. Edison Mabry, 402 Pearl Ave., Mansfield, OH 44907. (419) 525-0902

FOR SALE: Globe Trotter radio, 1936 – $350. Prefer local pickup. Floyd A. Paul, 1545 Raymond Ave., Glendale, CA 91201. (818) 242-8961

FOR SALE: Hickok tube tester, Model 600A with Model CA-5 universal adapter and Model CRT cathode ray tube adapter, all mint condition – $150 plus shipping. Bill Riley, 863 W. 38th Ave., Eugene, OR 97405-2375. (541) 345-2169

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FOR SALE: I-177-B Dyn mutual cond Hickock tube tester w/original data book – $225 + ship. Charles Kirsten, Radio Relics, 15556 Sandra Ln., Sylmar, CA 91342. (818) 364-0491

FOR SALE: Pocket size Tung-Sol tube base connection books for radio and TV diagrams. Sams Photofacts. Ann Bichanich, Jays, 15 W. Lake St., Chisholm, MN 55719

FOR SALE: Radio Shack scanner Model Pro 2050 trunk tracker 300 channel with manual 29 to 956 MHz, used once – $150. Daniel Seidler, 3721 W. 80th St., Chicago, IL 60652-2415. (773) 284-8221

FOR SALE: Silvertone Model 132-881 brown, very good (in G.O.R., p. 138) – $37.50 + shipping. Michael Leopold, 788 Duxbury Ln., Bartlett, IL 60103. (630) 289-8788

FOR SALE: (35) plastic, Bakelite AC/DC radios, several tombstones, consoles, 100s TV tubes, any offer considered. Gary Nitkin, 102 Long Hwy., Little Compton, RI 02837. (401) 635-2816

FOR SALE: Heathkit microprocessor courses EE3401, EE3402 plus working trainer ET3400 – $50 plus shipping. Jerry Wieland, 780 Charleston Ln., Hoffman Estates, IL 60195. (847) 934-1790. E-mail: jwieland@owc.net

FOR SALE: Bearcat Scanners (2) BC III – $25 each; and (1) BC 250, needs work – $25. RCA new 22" X 17" X 8" tube caddy – $50. Plus shipping. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741. E-mail: jjpapo@juno.com

FOR SALE: Zenith blue leather 5-G-500FR – $95. 7-H-918 FM only – $40. Varmit linear amp XL350 – $250. Hallicrafters S-72, untested – $100 plus UPS. **WANTED:** Zenith speaker for 10-5-153 Simplex Model R-rough cabinet OK. Claude L. Chafin, NØFMO, 4223 E. 42nd Way, Independence, MO 64055. (816) 478-4518

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WANTED: Majestic Model 291, picture in Machine Age to Jet age Vol 2. Dave Stott, 29 Willow Bee Ln., Middletown, CT 06457. (860) 344-0697. E-mail: dkstott@compuserve.com

WANTED: Bendix Model 853 and 953 radios. Radios need not work. Aaron Mall, 903 Dropleaf Ct., Baltimore, MD 21208. (410) 486-8813

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WANTED: Schematic for Superior Inst. Co. tube checker Model #TVII. Xerox OK. M.C. McDonald, 2503 Crook St., Falls City, NE 68355-1042

WANTED: (3) black Zenith knobs, must have "Z" on front. Tom Zenisek, 701 Oakland Rd., NE, Cedar Rapids, IA 52402. E-mail: Tomjonzee@aol.com

WANTED: Cover that fits over push button condensers on face of Zenith 7S529. Scott Scheidt, 3008 Harbor Dr., Modesto, CA 95355. (209) 522-8273. E-mail: SScheidt@aol.com

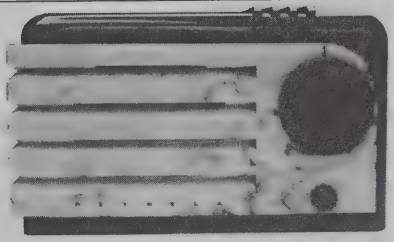
WANTED: Authentic crystal detector and phone condenser. Martin Lamonde, 394 St. Germain Apt. 3, Quebec, Quebec City, Canada, G1K-4N1. E-mail: mlamonde@exfo.com

WANTED: Non working Magnavox T.R.F. #5, Model A. 201-A tubes & speaker. Harry MacMullan, 469A Garnet Mine Rd., Boothwyn, PA 19061. E-mail: harry.macmullan@phl.boeing.com

WANTED: Vibroplex Zephyr (3" base). Info/diagrams for Collins PM-2, National AGS power supplies. Brian Roberts, K9VKY, 130 Tara Dr., Fombell, PA 16123. (724) 758-2688

WANTED: Schematic for Zenith Radiophono console Model 8S588 circa 1940-42. Michael Reilly, 19801 110th Ct., #113, Miami, FL 33157. (305) 234-9004

WANTED: Pre-1930 speakers: horns, exposed cone or enclosed. Collections considered. Russell Ofria, 16117 Cohasset St., Van Nuys, CA 91406. (818) 989-5222



WANTED: Prewar plastics by Detrola, Kadette, RCA, Philco, etc. My cousin Vinny and I, we was thinking, "Hey, we got the cash," (a cool mil, to be exact), "so let's spend some before dem girls gets hold of it." You know what I'm saying? Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Sony TR-63, Sony TR-52; any kind of Japanese-made transistor radio which used with oval transistor. Takashi Doi, 1-21-4, Minamidai, Seyaku, Yokohama, 246 Japan. Fax: 011-8145-301-8069. E-mail: taka-doi@a2.ctktv.ne.jp

WANTED: Antenna transformer part no. 06619 for Philco Model 19 89 or junk chassis. Norman Reiss, 360 South St., West Deer Park, WI 54007. (715) 269-5473

WANTED: RCA RC-350 tulip grille Catalin radio; any color, doesn't work, or if the case is cracked, that's OK! Henry McCorkle, 806 5th St. SE, Roanoke, VA 24013. (540) 343-9570. E-mail: RoaRec33@aol.com

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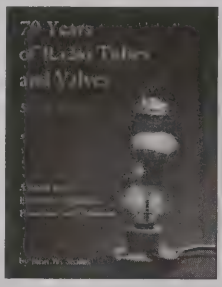
Books About Tubes



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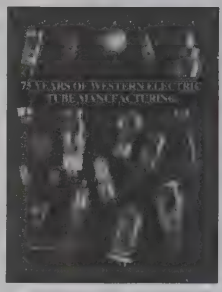

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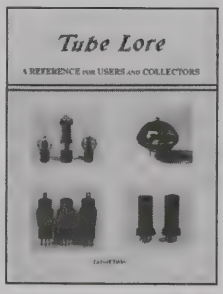
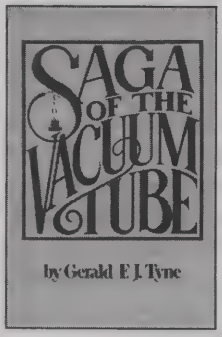
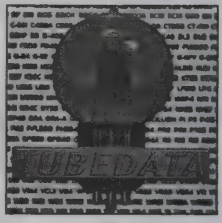


Tube Lore, Sibley. *Trends in tube design, receiving and audio tubes, special-purpose and transmitting tubes, military types, tips on testing, repairing, adapting various tubes, auction prices from six major sales. 186 pgs.* — **$19.95**

Radio Tubes and Boxes of the 1920s, Fathauer. *A pictorial presentation of radio tubes of the 20s, including packaging and advertising. Over 400 color photos and illustrations. 105 pgs. NEW* — **$26.95**



Saga of the Vacuum Tube, Tyne. *The development of vacuum tubes – 1880 to 1930. From Edison, Thomson and Fleming to DeForest, Philips, Siemens and many more. 100+ tube photos. 495 pgs.* — **$18.95**



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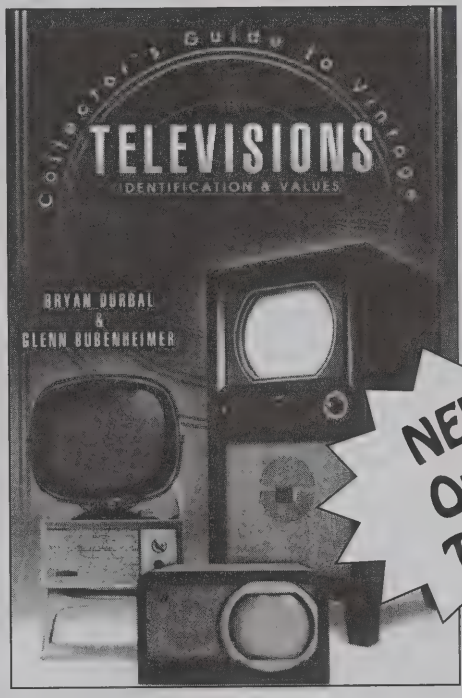

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(Sep-99)

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FOR SALE: Jukeboxes for sale. Wurlitzer, Seeburg, Rockola – $200-$13,500. Sample – $5. Year – $30. Jukebox Collector Magazine, PO Box 624ARC, Altoona, IA 50009. (515) 265-8324

FOR SALE/TRADE: CBs, Royce 1-640, Johnson Messenger, Lafayette HE15B, Simpson 260 VOM for ham equipment. Joseph Bedlovies, PO Box 139, Stratford, CT 06615

FOR SALE: Chapman's Radio Boys, (13) recreated dust jackets – $65. Reprints, other Radio Boys books. Jim Towey, The Adventure Continues, 249 Hartland Rd., West Granby, CT 06090. (860) 653-7447. E-mail: toweyj@aol.com. URL: http://members.aol.com/brentwooda

FOR SALE: Books at AWA Rochester this September, indoors opposite the auction room. Rainy Day Books, PO Box 775, Fitzwilliam, NH 03447. (603) 585-3448. E-mail: rainyday@cheshire.net

FOR SALE: Have (1,500) nice transistor radios. Will sell one or all. Doug Ferrero, WB8YNZ, 70173 Hillside Ct., Romeo, MI 48065. (810) 336-0120. E-mail: ynzdsd@bignet.net

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FOR SALE: Sams sets 116 thru 932 – $2/set plus shipping. SASE for list. Leo Pedersen, 1881 Bradley Ln., Estes Park, CO 80517-6923. (970) 586-4576, calls screened - talk

FOR SALE: (23) European radios for sale, for complete list send SASE. RGB Enterprises, PO Box 5367, Old Bridge, NJ 08857. (783) 607-0299. E-mail: Rgbent@aol.com

FOR SALE/TRADE: GE GD 60 – $45. King 82 chest type – $100. Philco 920 30s car radio – $20. Others available. Call or write: Tom Guastella, 1633 W. 11th St., Brooklyn, NY 11223. (718) 256-8367

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FOR SALE: Piper-Heidsieck champagne bottle transistor radio – $45. Crosley E-15 WE – $50. Zenith 5D011Z – $35. Eric Hayes, 1004 N. Mill St., #103, Naperville, IL 60563. (630) 579-0311. E-mail: Bill2u714@aol.com

FOR SALE: This tube set was designed to be shot out of a cannon! 1955 radio proximity fuze with crimped-on battery – $90 ppd. Roush, PO Box 26480, Tempe, AZ 85285. E-mail: roamer22@earthlink.net

FOR SALE: RCA receving tube manuals RCA-19, 30, 27; transistor thyristor SCR-14 diode manual: Radio Shack tube substitution handbook or have all, good condition – $25 plus $5 if shipping. Randy Blevins, W3LGI, 48836 Havirland Rd., Lexington Park, MD 20653

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WANTED: The books Secret Wireless and Hidden Aerial by Theiss. Robert Stapleford, 1800 S.W. Randolph Ave., Topeka, KS 66604-3158

WANTED: Shure 3B microphone, complete & working. Tracy Sands, 8850 Walker St., Cypress, CA 90630. (714) 527-5728

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WANTED: Manual and schematic for RCA oscilloscope Model WO-33A. Guido Montella, 2714 Charleston Dr., Plant City, FL 33565. (813) 752-7174

WANTED: WWII military handheld SCR536/BC611. Looks more important than function. Bob Moncrieff, KE6E, 11456 Richardson St., Loma Linda, CA 92354. (909) 824-1133

WANTED: Excellent original owner's manuals for 1942 Motorola portable, 61L11 & 61L12 and 1950 Crosley 10-135. Mike Hanke, PO Box 773, Wausau, WI 54402

WANTED: Dial drive escutcheon with glass & dial pointer & knobs for RCA Model 140 model radio 1933 series. Will buy junk set to get these parts. Also want Philco Allwave antenna set matching transformers. Marv Randolph, 2708 Granda, St. Louis, MO 63125-4022. (314) 892-7839

WANTED: Bendix 114, Sterling Deluxe, Sonora Sonnerrette and Belmont 6D111 tube radios. NEC NT-61, any Oceana, Top Notch, Zephyr or Crown transistor radios. Any small Japanese tube portables. Please state condition and asking price. Photo helps. Bruce Phillips, 127 Bunker Hill Ave., Stratham, NH 03885. (603) 772-7516. E-mail: radioorphanage@prodigy.net

WANTED: Old telegraph keys & related equipment, catalogs, signs, etc. Jerry Maira, 31 Prospect St., Fredonia, NY 14063. (716) 672-5389. E-mail: gm@netsync.net

WANTED: SOS, who can help us with new or old blanks, needles for our disc cutting machine. Addresses, fax or phone numbers of companies who manufacture these, are welcome; please fax or write to the: Magic Jukebox Museum, Ropswalle 12, 8930 Menen, Belgium Europe. Fax: 32 56 51 39 71. E-mail: arv@unicall.be

WANTED: New collector wants transistor radios, working, excellent to mint condition. Bob Waskin, 9420 Kildare, Skokie, IL 60076. (847) 677-4620

WANTED: Allied A2515A schematic, Panasonic RF-2900 antenna, copy of Tektronix 465 operator's manual. Mr. Gabe, 485 Main, Glen Ellyn, IL 60137. (630) 469-4477

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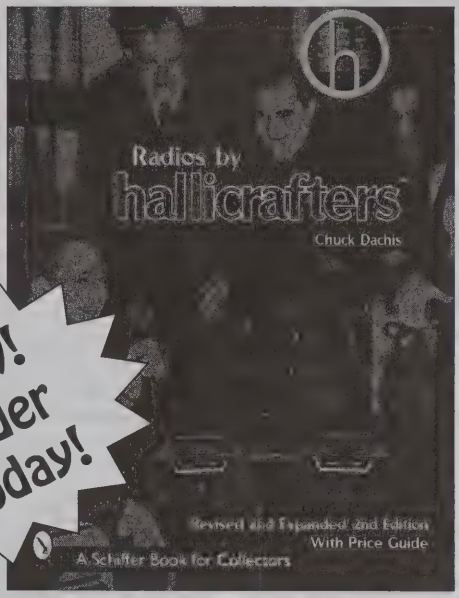

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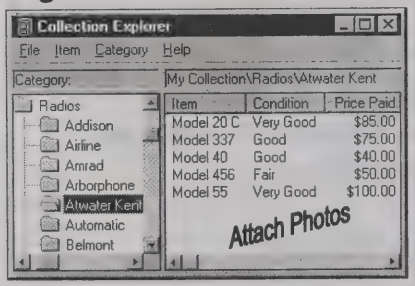

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WANTED: Arvin Model 532 Catalin radio, any color, if the case is cracked and/or if the radio doesn't work, that's OK! Henry McCorkle, 806 5th St., SE, Roanoke, VA 24013. (540) 343-9570. E-mail: RoaRec33@aol.com

WANTED: German transistor radios, point-contact-transistors, red Sony TR-86. Rudi Herzog, 31832 Springe, Holtenser Weg 25, Germany. (011) 49-5045-7464. E-mail: Rudolf-Herzog@t-online.de

WANTED: Western Electric 7A amplifiers in good condition. Minoru Muraoka, 2-18-30-503 Kikuna, Kohoku-ku, Yokohama, 222-0011 Japan. Fax: +81-45-401-3721. E-mail: m-muraoka@pop17.odn.ne.jp

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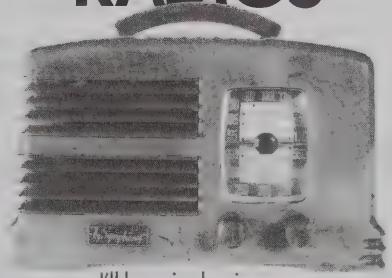

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FOR SALE: Approx. (100) old TV knobs – $15. (39) old car radio knobs and N.O.S. off/on switches – $12. Bob Barr, 3130 Bellanca St., Columbus, GA 31909. (706) 322-2180

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FOR SALE: Primo EMU-4520 mikes in original boxes, cost $70/ea. new – $30 each or pair – $50. Dave Smith, Box 81, Olney, IL 62450. E-mail: k9uim@otbnet.com

FOR SALE: Readrite tube tester Mod 430 @ 9 no charts a/o – $50. AK Mod 145 t/stone a/o @ 8 – $140. W. House Mod 683 a/o @ 9 Canadian – $110. **WANTED:** I need a face plate for a Zen. D7000Y U.S.A. or will sell. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: (413) 245-0441

FOR SALE: Cabinet for Kennedy 521 amp with plate in lid, exc cond. – $60. Ron McClellan, 201 W. Boot Rd., West Chester, PA 19380. (610) 363-5637

FOR SALE: Cleaning ham shack out, send SASE or email for list of military, ham, books, tubes, and computer related items. Wayne Letourneau, PO Box 62, Wannaska, MN 56761. E-mail: wb0cte@arrl.net

FOR SALE: Almost giveaway: Hickok 209A VOM capacity, Heath PS-4 regulated power supply, Triplette 3432 signal generator, Eico 950B res. cap. comparator bridge, (2) 46-200 Philco, black, brown; striated wood Coronado, all – $100. Sid Greenspan, #602, 5600 Wisconsin Ave., Chevy Chase, MD 20815. (301) 951-0232

FOR SALE: Two 24, one 27 Blue Arcturus (balloon) tubes, checked excellent – $25 delivered. Tom Tetzlaff, 23 Nelson Dr., Silver Bay, MN 55614. (218) 226-4192. E-mail: catt@lakenet.com

FOR SALE: Lab grade high voltage H.P. 500V tube supply – $250 OBO. Jim Walker, 306 7th Ave., State Center, IA 50247. (515) 483-2009

FOR SALE: Acousticon hearing aid with three Raytheon tubes – Best Offer. Gordon Wilson, 11108 50 Ave., Edmonton, Alberta, Canada T6H 0H9. (780) 434 6257. E-mail: wilsons@freenet.edmonton.ab.ca

FOR SALE: Simpson 260, vo/meter – $40. RCA master voltohmist, WV-510A – $45. Gavin, UHF/TV converter – $20. Stephen L. Bonino, 107 Georgetown Rd., Glassboro, NJ 08028. (856) 881-0244. E-mail: slbon@erols.com

FOR SALE: Dynatuner Model FM-1 – $35. Philco 20 Deluxe restorable – $100. Robert Parke, 504 Essex St., Gloucester City, NJ 08030-1015. (609) 742-8221. E-mail: radiobob@worldnet.att.net

FOR SALE: Oscilloscope, Heathkit Model SO-106A w/ reprint manual, gc – $50 + S&H. Richard Dzick, 31572 Juniper Ln., Warren, MI 48093. (810) 268-4671. E-mail: n8mqu@aol.com

FOR SALE: Fisher/Bogen stereo receivers, tube – $35 ea. Lighted Philco sign – $75. Can deliver to Rochester AWA. D.M. Maurer, 29 S. 4th St., Lebanon, PA 17042. (717) 272-2481. E-mail: dmradios@aol.com

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231D $65 NOS, $30 used
242A/B/C $300 NOS, $150 used
252A $1200 NOS, $700 used
261A $155 NOS, $80 used
262A/B $65 NOS, $35 used
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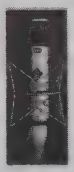

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FOR SALE/TRADE: Items w/no price are preferrably for trade, but cash offers always considered. Sony Trinitron #KV-1214, exc orig., works perfect, even has orig. Sony AN-16 antenna – $65/OBO; Mac MC-225 exc, w/Mac logos on 7591 output tubes (3 out of 4) – Offers; Sony 2225 hi-end stereo turntable w/Sony Shure SME 16" clone – $150/OBO; Knight kit tuner, 50s, stereo/tube, exc – $75; Sherwood S-1000-B mono amp, lots of phone EQs, exc, works – $100; Zenith Royal 500s, one maroon, one ivory – $70 ea. or best offer/both; Belmont 6-D-121, exc, no chips or scratches – $175/OBO; Marantz CD-400 disk demodulator – $40/OBO; Weston AC & DC Bakelite lab meters – $35 ea. Mics: Shure 55 Elvis, lg. shell, very nice – $175; RCA Aero Deco bullet on Deco stand, offers; RCA Varicoustic – $475; Astatic D-104, very nice – $85; Altec M-21 coke bottle in orig. navy leather case; Shure 300, TV gray, broadcast model in orig. box, perfect; Grundig Mark V portable 3" dictating recorder, lots of tape, mic, accessories, leather case, perfect – $40; Apolex RA-45 3" Japanese battery-powered recorder; Starlight RA-11, same recorder, different name, both for – $30; Garrard type A changer, N.I.B., never assembled; Baldwin type C headphones, 1 pr., also, 1 single Baldwin unit. **WANTED:** Ampex 351-2 stereo tube tape recorder Russ Lang or equivalent console, must be very clean, will pay fair price or trade for above items. Always looking for vintage mics by RCA, Neumann, Telefunken, Sony, Western Electric, particularly RCA 77-C w/ring on bottom, Western Electric 53-A bottle mic, other bottle mics; Allied catalogs '49, '50, '51, '54, '57. Have some to trade. Ward Kremer, 5807 Papaya Dr., Ft. Pierce, FL 34982. Ph./fax: (561) 468-7732. E-mail: WKremer798@aol.com

FOR SALE: Manual for R7000 Trans-Oceanic – $20. Battery box for 3000-1 Trans-Oceanic – $13. Mighty atom crystal set made in Arizona – $15. Jim Montague, 1907 S. Stanley Ln., Spokane, WA 99212

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WANTED: Western Electric: speakers, receivers, loudspeaking telephones: 548, 551, 555, 560, 594, 713, etc.; amplifiers: 25B, 117A, 124A, etc.; tubes: 101, 104, 205, 212, 216, 217, 239, 262, 274; input/output trans. Ming Yang, 1995 University Ave. #119, Berkeley, CA 94704. (925) 376-4220. E-mail: yang1240@aol.com

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WANTED: I need parts for an Addison 2A. Need yellow trim, and a black & white cabinet. Wayne Michiels, 7 Lowrie Cres., Tillsonburg, Ontario, Canada N4G 5L4. (519) 688-0964

WANTED: Grigsby-Grunow Model #390 chassis. Any condition. Phil Ketchen, Rd2-2318 Wescott Rd., Whitehall, NY 12887. (518) 499-2316. E-mail: GEPhil@aol.com

WANTED: Philco 70 with original finish and brass escutcheon. Michael Harrington, PO Box 250995, Little Rock, AR 72225

WANTED: Knobs for RCA 96T4. Can buy or swap Philco knobs. **FOR SALE:** Sentinel 284 Catalin. A. Bruno, 24 Butternut Dr., New City, NY 10956. (914) 354-8899

WANTED: Operating & service/schematic information for Lafayette HA-800B and Zenith 3000-1. John T. Myers, PO Box 485, Jenison, MI 49429-0485

WANTED: Atwater Kent Model 206 in good condition. George Folse, 630 Dolhonde St., Gretna, LA 70053. (504) 362-1896. E-mail: kb5wwo@bellsouth.net

WANTED: Electric drive panel for Airline Mod 62-347 with good set of gears & push buttons. See Rider Mont-Ward page 11-7. David Ward, 3818 Bellwood Dr., Norman, OK 73072. (405) 366-1323

WANTED: Stretcher base for RCA Radiola 60 in fair to good condition. D.A. Whitis, 608 South 9th St., Cambridge, OH 43725. (740) 432-4414

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WANTED: Steering wheel knobs for Crosley E15 radio or will buy junker sets. Henry Trabold, 2058 Nakiska Ct., Toms River, NJ 08755. (732) 244-2345. E-mail: trabold@exit109.com

WANTED: Tombstone radios needing cabinet repair. Dan Olson, E. 4913 Sumac Dr., Spokane, WA 99223. (509) 448-8828. E-mail: dolson4710@aol.com

WANTED: Philco car radio from the early 1930s, restorable, complete with controls. Norm Whitted, 12801 Raytown Rd., Kansas City, MO 64149. (816) 763-9834. E-mail: philcoman@swbell.net

WANTED: 8-track player in nice wood cabinet with preamp only. No large record/playback units. Must be in good condition. AC only. Harold LaRoche, 16426 Heiden Cir., Spring, TX 77379-7026. (281) 370-3451

WANTED: Crosley Model 555 small tombstone cabinet and knobs or will buy parts set. Gregg Humanic, 540 Wicklow Ln., Monroe, OH 45050. (513) 539-8926

WANTED: Sammy Kaye or Sunday Serenade radio transcriptions, big 12 or 16 inch records. Also Jan Garber Orch., or memorabilia photos. Robert DeMars, 5034 Rosen Blvd., Boynton Beach, FL 33437. (561) 832-0171. E-mail: DeMarsProd@aol.com

WANTED: Hallicrafters B42 tilt base. Galaxy 530 speaker. Sargent Streamliner '39 manual or schematic. Harry Blesy, N9CQX, 9S740 Clarendon Hills Rd., Hinsdale, IL 60521. (630) 789-1793

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FOR SALE: RCA 2A3 tube N.O.S. in box, double plate – $75. DU-WA speaker – $45. All plus shipping. Ken Armstrong, Box 216, Storm Lake, IA 50588

FOR SALE: Sherwood RA-1140, box, manual – $60 + shipping. JBL L88's – Make Offer. Chris Stratmeyer, 1041 North Clay, Kirkwood, MO 63122

FOR SALE: Novelty radios: golf club – $50; alligator – $45. Radios work, shipping extra. Steven Whited, 3637 W. 71st St., Indianapolis, IN 46268. (317) 298-9967

FOR SALE: Wilcox Electric F3 receiver, rackmount, with instruction book, untested – $65 plus shipping. Bill Allen, 505 S. 8th St., Eldridge, IA 52748. (319) 285-6472

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FOR SALE: Plastic table radios: GE T2205A – $20; Capehart T-30 – $20; plus UPS. Buy both for only – $30. Rich Stamer, Sound Remedy, 331 Virginia Ave., Collingswood, NJ 08108. (856) 869-0238

FOR SALE: A.R.C. issues 1993 thru 1998 – $65 plus shipping costs. Call: Ron Marley, 172 Brandi Way, Winchester, TN 37398. (931) 967-7219

FOR SALE: Atwater Kent Model 21 with tubes, very nice, but not tested – $195 includes shipping U.S.A. Charles H. Cross, 2103 Delvid St., Valdosta, GA 31602. (912) 242-0861

FOR SALE: Zenith 7000-1 complete with orig. book, charts, etc., very nice cond. – $250. Joe Svihel, 17227 Co. Rd. 54, Avon, MN 56310. (320) 356-7601

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WANTED: Heathkit VF1 and HG10 VFO, SB303 receiver, Hallicrafters SX101A receiver, manuals? State condition and price. Rick Harrison, WA2ODI, 140 N. Putt Corners Rd., New Paltz, NY 12561. E-mail: harrisonmail@worldnet.att.net

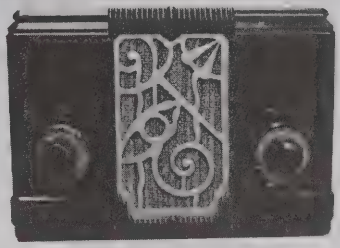
WANTED: Band change knob for Zenith 3000-1 Trans-Oceanic radio. Tom Ackerman, 18828 Maple St., Carlyle, IL 62231. (618) 594-4759. E-mail: taga32@hotmail.com

WANTED: Speaker for a Philco 62-140, tombstone, 1U4, 50A1 for Zenith Y 600, Trans-Oceanic. Don Dillard, 5106 Red Oak Dr., Amarillo, TX 79110. (806) 352-4776. E-mail djdill@arn.net

WANTED: Restorable Philco 90 cathedral, any condition, basket cases OK. James S. Fisher, 344 Harrison Ave., Manville, NJ 08835. (908) 725-7476. E-mail: y-r-less@juno.com

WANTED: Catalin maroon grille and butterscotch knob for Fada 252 Temple. Stephen Kuhn, 417 Cibilo St., Lockhart, TX 78644. (512) 398-7777. E-mail: stephen@neonradio.com

WANTED: Tubes. I buy radio, television and industrial tubes. Steve Harrell, 1179 Boylston St. 30, Boston, MA 02215. (617) 549-3962. Fax: (617) 236-5659



WANTED: Kadette pictured, Detrola, RCA, Air King, etc. prewar plastics. I am new to the field of collecting but have plenty of money to live with big mistakes. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Old WE power supplies, crossovers, WE 750A; Lansing N400, N800 and supplies; Jensen M10, M20, Q model. FS-1 supply, F-5, F-7; RCA 1483 xover; early Tannoy products. Also need WE 262A/B, 274A/B. Trades available. Ray Miller, RR #2, Brantford, Ontario, Canada N3T 5L5. (519) 578-7322. Fax: (519) 449-5478

WANTED: Panasonic RF-1060 or RF-1080, working or not. Fala Electronics, PO Box 1376, Milwaukee, WI 53201

WANTED: Radios with chrome grilles or trim, Climax radios, miniature cathedrals. Jay Malkin, 1250 Galapago #206, Denver, CO 80204. (303) 623-6451

WANTED: Escutcheon for Atwater Kent cathedral Models 82, 84, or 465. Johnny Johnson, 7075 W. 32nd Ave., Wheat Ridge, CO 80033. (303) 274-5474

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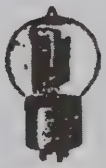

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FOR SALE: Zenith shutter dial Model #9S262. Gerald E. Perkins, RFD #2, Box 34, Milo, ME 04463. (207) 943-2863

FOR SALE: Heathkit IM-28 VTVM, manual copy – $30. Sams Photofact sets – $5 postpaid. John Osborne, 2 Lake St., Winthrop, ME 04364. (207) 377-2519

FOR SALE: Sherwood tuner S-3000-IV, tubes lite, no response. Has metal cover – $20 + ship. Rudy G. Purcell, 4473 W. 136th St., Cleveland, OH 44135. (216) 251-6511

FOR SALE: New antenna Hy-Gain multiband verticals – $100 + $35 shipping. Also new LGB German passenger train set w/trans Model 20301 – $400 + $35 shipping. John Nosbaum, W9BJP, 2743 Wilmette Ave., Wilmette, IL 60091. (847) 256-0547

FOR SALE: Holiday (Japan) 10 transistor pocketable radio, 15-208, I.O.B. – $13. Donald Sochurek, W191 S7500 Richdorf Dr., Muskego, WI 53150. (414) 679-0212

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417A / 420A / 5755 $10 NOS
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45/245 Balloon $60 NOS, $30 used
45 Balloon "Meshplate" $110 NOS
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7591A $30 NOS, $15 RCA used
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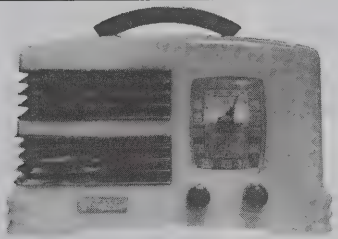

WANTED: Symphony and Detrola Catalins. If only you knew how necessary these radios are to my very existence. Gee, if you knew that you'd probably never call or hope I'd wither away ending once and for all these stupid ads. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

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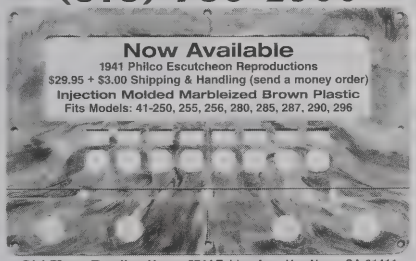
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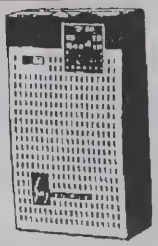

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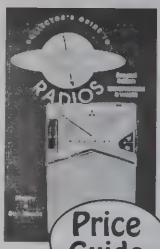

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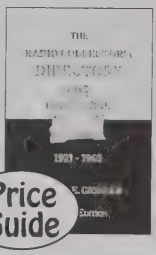

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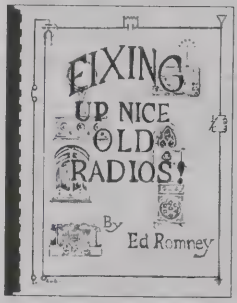

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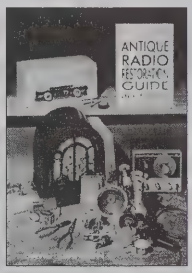

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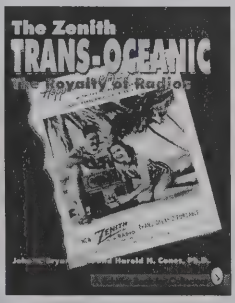

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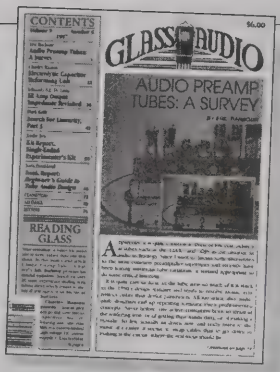

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FOR SALE: Philco Model 20 tube shield and escutcheon – $25 plus. Philco Model 19 speaker only – $15 plus. Elwood F. Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069. (856) 299-5259

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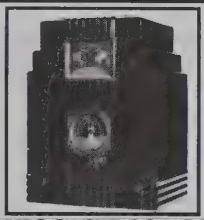

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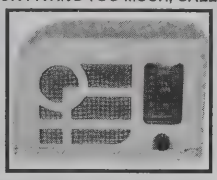

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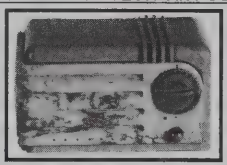

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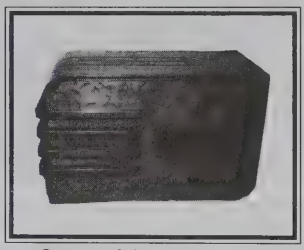

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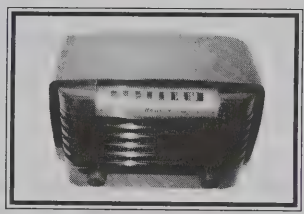

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Green & Black Catalin, Working, Mint $845.00

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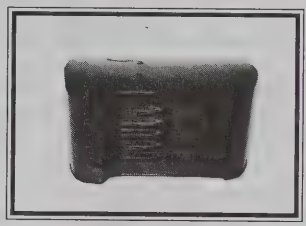

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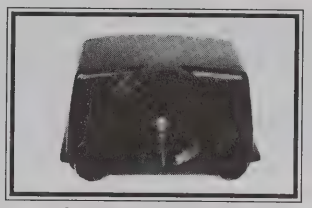

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FOR SALE: Kellogg wall phone in oak case, readable diagram inside, pat 11/26/01 – $175. Early transistor GE 2 way radios. Dave Schmidtke, PO Box 462, Faribault, MN 55021. (800) 500-8055

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FOR SALE: Radio schematics – $2.50. Riders radio & TV manuals. Xerox copies of service manuals: Zenith, 942 pp. – $65. Philco, 300 pp. – $30. Crosley, 322 pp. – $30. Atwater Kent, 463 pp. – $35. Riders Radio Index 1 through 23 – $25. Books, SASE for list. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

FOR SALE: Bulova 680 transistor with box, instructions – $25. Toshiba hearing aid with instructions – $25. Ralph Kemper, 297 - 27 3/8 Rd., Grand Junction, CO 81503-2001. (970) 243-2576

FOR SALE: Microphone: Altec 639B, good working condition – $550. Dennis Schrank, 3129 S. Quincy Ave., Milwaukee, WI 53207. (414) 744-3374. E-mail: radiohd@execpc.com

FOR SALE: Tektronix scope 466 – $300. Sig gen URM/26B – $150. Hickok tube tester Model 6000 – $150. Sony 2010 receiver – $200. Ken Hunt, 872 Sudden Valley, Bellingham, WA 98226. (360) 734-7592. E-mail: kwhunt@uswest.net

FOR SALE: Zenith Model 34P excellent working condition for pick up only. Howard Sutton, 1163 Furman Dr., Sumter, SC 29154. (803) 494-2888. Fax: (803) 494-4453. E-mail: hesutton@ftc-i.net

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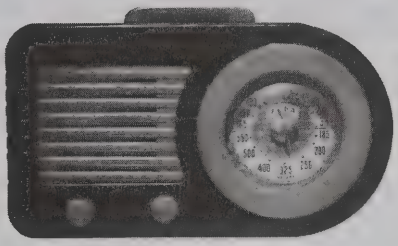
WANTED: Radio knobs, 1 or 1,000. Paying top price. John DeLoria, 101 Doverbrook Rd., Chicopee, MA 01022. (413) 593-1180

WANTED: Solar CF Exam-eter manual; Sams SD-13 or Bearcat 210 data; copies OK. Geoff Fors, WB6NVH, PO Box 342, Monterey, CA 93942. (831) 373-7636

WANTED: Chassis and speaker for RCA Model Radiola 48. Elwood F. Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069. (856) 299-5259

WANTED: Stromberg-Carlson stuff, including radios, parts, literature & advertising. What do you have? Ted Babcock, 497 Long Island Dr., Moneta, VA 24121. (540) 721-1222. E-mail: TedshirlB@aol.com

WANTED: Driver transformer for AK 55/C, Zenith 835 tombstone and 12A58 cabinet or complete. Chris Hicks, RR2, Box 342, Clinton Corners, NY 12514. (914) 266-4257



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FOR SALE: Rider's Radio Manuals 1 to 17, Sam's auto radio manuals, Sam's radio manuals – Best Offer. Frank D. Atwood, Nostalgia Radio, 117 E. Main St., Unit 1, Merrimac, MA 01860. (978) 346-8100. Fax: (978) 374-1030. E-mail: atwoodtv@110.net. URL: http://www.110.net/~pr2858

FOR SALE: Scott both chassis of an all wave radio 23 and original manual. Mony Nisel, 20 Crestwood, Montreal, Quebec, Canada H4X 1N2. (514) 483-4937. E-mail: monyse@aei.ca

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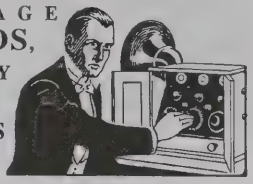

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FOR SALE: Working National FBXA, with PS – $350; without PS – $300. Plus shipping. Jim Clifford, KE4DSP, 108 Bayfield Dr., Brandon, FL 33511. E-mail: j.c.clifford@juno.com

FOR SALE: Midwest 916 chassis, 16 tubes, see Rider 19, plays – $35. Speaker – $5. Jim Gauldin, 134 Hawthorne Dr., Danville, VA 24541. (804) 791-2286

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FOR SALE: Zenith 9S55, 6S152, 8AO2 – $550 pickup only. Tim Dugan, 415 N. White Oak, Marshfield, MO 65706. (417) 859-5710. E-mail: tdugan@fidnet.com

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WANTED: February, 1941, Fortune magazine articles are "The Capehart," "White Truck," "Sun Oil." Sid Greenspan, #602, 5600 Wisconsin Ave., Chevy Chase, MD 20815. (301) 951-0232

WANTED: Navy RBM-5-M.F. or equivalent receiver. Must cover AM broadcast band. Pay fair price for a good working or restorable unit. Contact: Sheldon Kane, 360 Rhinecliff Dr., Rochester, NY 14618. (716) 442-6338. E-mail: Auxch@aol.com

WANTED: For Philco 42-390. Dial cord re-stringing diagram and dial pointer, Philco #56-2331. Thanks. Herman Gross, 1705 Gordon Dr., Kokomo, IN 46902. E-mail: w9itt@juno.com

WANTED: Display examples of Rectron UV-196, UX-213, and Kenotron UV-216 with clear markings. Craig Tipton, 3595 Call Rd., Perry, OH 44081. (440) 259-5092. E-mail: tipton@mailbag.net

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WANTED: Example of Sonatron Red tube and box. Larry Daniel, 1758 Chennault Cir., San Antonio, TX 78226. (210) 923-2634. E-mail: LDaniel102@aol.com

WANTED: Emerson Model 23, only really need chassis and knobs. Tom Johnson, 1116 No. 2nd. St., Ames, IA 50010. (515) 232-1929

WANTED: Band selector knob for Hallicrafters S-53 receiver. Jeff Ross, PO Box 487, Quakertown, NJ 08868. E-mail: pamro@rcn.com

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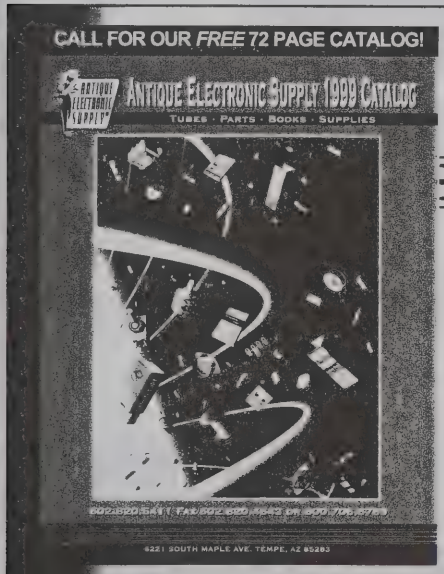
WANTED: Early 1920s crystal radio. Aetna Radio Phone Corp. of America. Switched taps and adjustment. Daniel Crowley, 61 Central Ave., East Hartford, CT 06108. (860) 282-1309

WANTED: Hallicrafters SX42, must be mint. Also want Drake 4NB blanker for R4C. Jim Taylor, G4ERU, No. 5 Luther Rd., Winton, Bournemouth, England BH9 1LH. Ph./fax: +44-1202-510400

WANTED: Jewel clock radio Model 920 or chassis only with good coils. Gino Lombardo, 10 Edgemont Ln., Bedminster, NJ 07921. (908) 781-6726

WANTED: National HRO5 E&F coils with silkscreened metal frequency plates. Don Barsema, 1458 Byron SE, Grand Rapids, MI 49506. (616) 451-9874. E-mail: DBarsema@prodigy.net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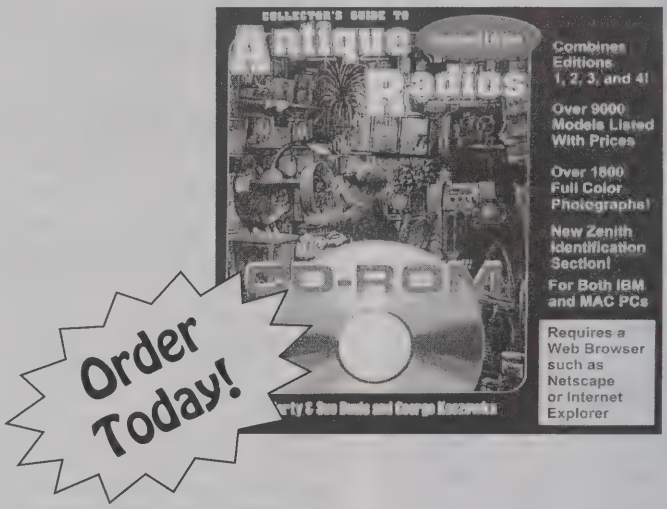
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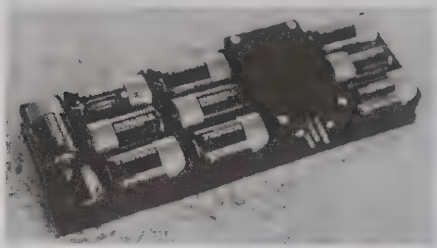

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FOR SALE: Rider's, Photofacts, TSM, CB, equipment manuals, catalogs, magazines and test equipment. SASE. Robert Morrison, 10238 117th Ln., Live Oak, FL 32060-6716. E-mail: rmorison@suwanneevalley.net

FOR SALE: Portables: Motorola 5M1U flip front green; blue alligator DeWald D508; both excellent – $45 ea. David Spivey, 1501 Westpark Dr., #9, Little Rock, AR 72204. (800) 505-0621, weekdays

FOR SALE: AK 5150 tombstone (2v battery set) – $55. American Bosch 360T tombstone cabinet – $15. Zenith 8G005 YT Trans-Oceanic chassis – $15. Richard Haneline, 3600 Cuba Blvd., Monroe, LA 71201. (318) 323-9657, 8 am to 6 pm

CLASSIFIED AD NOTICE
Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

FOR SALE: RCA senior volt ohmyst Type WV98C. Bench type 110 volt – $30 plus. Elwood F. Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069. (856) 299-5259

FOR SALE: (94) issues of CD Capacitor from 1949-1959 – $75 + UPS. Allen Jochem, 2205 Broadway, Quincy, IL 62301. (217) 223-6751

FOR SALE: Fairbanks-Morse 9 tube chassis only – $90 + ship. GE TV Model 810 perfect condition, working – $350. Vaughn Rudisill, 17 Pearsall Ave., Deer Park, NY 11729. (516) 667-5247

FOR SALE/TRADE: The largest selection of classic radios from all corners of the world available! Many wants too. Simon Wade, Finchcroft, Broadwater Down, Royal Tunbridge Wells, Kent, UK TN2 5PE. Telefax (44) 1892 543505. Images on e-mail: Simonwade@aol.com

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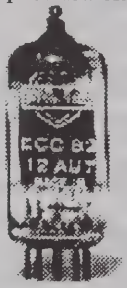

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FOR SALE: We can deliver at no charge to the meet at Rochester. RCA La Siesta – $850; Sparton 1568 15 tuber – $1,295; National Panasonic RF5000A, with photocopy owner's manual – $345; Fabulous Allwave 23 EH Scott, Waverly Grande, 3 speakers, with restored original General Industries phonograph, chassis not rebuilt electrically – $4,995; EH Scott 16 in Warrington cabinet – $1,895; Zenith 5S220 cube, refinished – $375; Zenith 40A 1929 ornate console – $1,895; (3) Zenith zephyr chairsides: 10S147, 6S147, 9S242; Philco 38 690; 15 tube Teledial Grunow, refinished – $695; 1933 Silvertone small console Century of Progress Chicago World's Fair 6 volt console, perfect original condition – $350. Zenith 5S327 mini tombstone, great original finish – $350; 15 tube Emerson X146 console, Gemloid dial – $495; Cathedrals: AK 84 – $450; RCA 120 – $350; Philco 70 – $325; Zenith LH – $395; Zenith 210 – $395; Zenith 805 – $425. To reference our Zenith models, order our 60 page 11 x 17 Zenith Brochure Book for – $28.95 ppd. The Story of Zenith: I have a small quantity of this 32 page booklet Zenith originally put out as a promotional item in 1954 and reprinted about 10 years ago – $9 ppd. Stromberg-Carlson 231F mirror top chairside – $895. Most Transoceanics available, call. Many Rider's manuals available including 17, 18, 19; 20, 21, 22 – Call. Zenith consoles: Aviatrix; 15S373; 15S372; 15U269; 15U270; 12H689; 12S568; 12S569; 12S471; 12S370; 12S371; 12S265; 12S268; 12U159; 12U158; 12A58; 12A57; 980; 11S474; 10S470; 10S153; 10S155; 10S156; 10S160; 9S54; 9S55; 9S262; 9S264; 9S365; 9S367; 8S154; 8S463 (5808); 8S359; 7S261 bookcase; 6S362; 7S363; 7S364; 775B; 755 and many others. Zenith chairsides: 12S245; 10S147; 9S242, 9S244; 9S344; 7S343; 7S342; 7S340; 6S147; 7S240; 5S327; 6S239; 6S238; 6S203 phono; 6S241 bar radio. Zenith table models: 4K535; 5S29; 5S126; 5S127; 5S228; 5S319; 6S321; 6S322; 6S528; 7S432; cathedrals: LH; L; 210; 805. 6D029; 6D630; 7S323; 6S439; 6V27; 6S27; 6S128; 6S222; 6S229; 6J230; 8S443; 10S130; 12S445; 8S531; 288; 711; 807; and many others. Other radios available: Stromberg, Philco, GE RCA, Fada. We can and do ship consoles and we do it right All radios unrestored electrically unless noted. Satisfaction guaranteed, highest quality assured. Send for our free parts and supplies catalog. We offer complete chassis restoration service on all radios, including complete speaker repair – Call. Visiting Minneapolis? Visit our new store at 5200 Bloomington Ave., just 5 minutes from the airport. We accept Visa, MC and Discover. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 or note new fax: (612) 821-4821, 8 am to 6 pm, Mon-Sat. E-mail: mte612@aol.com

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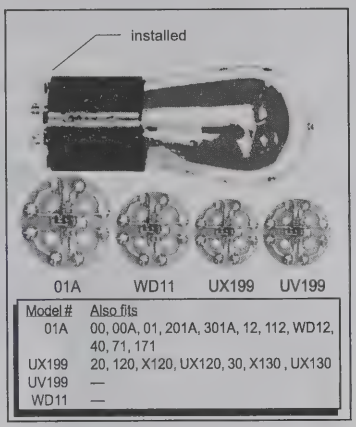
Radio Restoration Parts



Model #	Also fits
01A	00, 00A, 01, 201A, 301A, 12, 112, WD12, 40, 71, 171
UX199	20, 120, X120, UX120, 30, X130, UX130
UV199	—
WD11	—

Vacuum Tube Repair Wafers

These tube repair wafers are solid-state devices for quick and easy repair of early vacuum tubes. The wafer is installed by simply sliding it over the tube pins and reinserting the tube into its socket. If the filament is intact, but there is little or no emission, the filament may be lit for best visual effect. However, the tube can be open filament.

No change in radio operating voltages is required. Any number of tubes may be repaired in a radio. If wafers are installed on all tubes, the B+ voltage may usually be reduced without sacrificing volume or sensitivity. Performance will vary between radio models.

$10.00/each ($7.50/ea. 3 or more)

Antique Radio Power Supply

The H15/ H16 power supplies operates most tube type battery radios from low cost batteries. The H15/H16 steps up the voltage from a 6V battery to provide 22.5V, 45V, and 90VDC for the "B" voltage requirements.

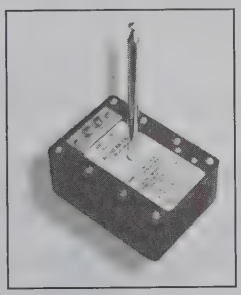
A very desirable feature of the H15/H16 is the method of switching power on and off. This function is provided by the switch on the radio. No radio modification required.

The "A" voltage required by the radio can be from "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery when operating 5V tubes. When operating 1.5, 2, or 3V tubes the H15/H16 can be powered by 4 "C" or "D" flashlight batteries or from a 6V gelled electrolyte battery. The gelled electrolyte battery can operate both the H15/H16 and the 6V "A" supply for 5V tubes from one battery.

Order the H15 of parallel filaments or the H16 for series filaments.

The compact size, 4"X4"X3/4", allows the unit to be installed with batteries in the battery compartment of most radios.

H15 or H16: $99.50. Accessories: "D" cell holders: $6.00 per set. 6V 10AH battery $31.00. Battery charger $45.00. 1.5 - 90V socket $9.50.



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Allows antique radios which were designed for a long wire outdoor antenna to operate on a 42" indoor whip antenna. Portable, operates from a 9 volt battery.

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To Order: Call (501) 568-1995

FOR SALE: Crosley 173 – $125. Philco 89 – $150. Others. Refer to August ad. H.B. McMahan, 313 W. Shaw, Tyler, TX 75701-3029. (903) 593-5433. E-mail: hbmc@juno.com

FOR SALE/TRADE: Philco 48-214, vg – $49. RCA 95T5, vg – $85. Zenith G725, exc – $59. Bob Fuerderer, Holly Farm, 813 Rte. 12A, Surry, NH 03431. (603) 352-3005

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P.O. Box 2, Carlisle, MA 01741

FOR SALE: Zenith Trans-Oceanics: H500 with all antennas, manuals, schematic, needs dial re-stringing – $110. 8G005YTZ1, 1948, with loctals, all antennas, station log, parts/restoration unit – $70. Fisher 500C receiver as is – $65. Dynaco FM-3 – $70. Scott stereo 200 integrated, ECL86s, needs one output tube – $90. Many more audio amps/tuners, call or send SASE. N.O.S. tubes: 6L6GCs – $20. 83s – $10. Other audio/radio tubes; EV 664 excellent in original box – $75. (3) radio chassis as is – Best Offers. Stewart-Warner Ferrodyne R-149A 11 tube with round glass dial like clock or scale, 8 tube mystery chassis #8A34 with brown barrel dial and two big thumbwheels (possibly Airline?), 11 tube mystery chassis Model 111 or 211 (possibly A/K?). Miscellaneous paper: Precision 900 tube tester manual – $10. Mallory Radio Service Encyclopedia/cross-reference – $10. GE TV Service Info binder set, 1950s – $25; GE TV Principles & Practices binder set, 1948 – $10. All plus shipping. C.J. Poulos, 29 Doubleday Rd., Columbia, CT 06237. (860) 228-7680 to 9 pm. Fax: (860) 228-7681, anytime. E-mail: TbStkBgie@aol.com

FOR SALE: Hallicrafters S-76, excellent, works – $165. S-46 speaker – $60. Heathkit JK-18 electronic workshop – $25. Walt Kiefner, 6233 51st Ave. NE, Seattle, WA 98115. (206) 526-1452

FOR SALE: New: Toothed drive belt for the Zenith 7000 – $5 plus $1.50 shipping. Rubber gasket for the dial glass for Zenith and other brands – $3 per foot. Brass inserts for Zenith Trans-Oceanics and 1942 Zeniths – $5 ea. or 2 for – $8. Also H500 and 600 knobs with inserts – $15. We stock a large selection of quality repro grille cloth. Lucite dial lens for the 1942 Zeniths – $16. Repro arms for your RCA chrome chair, pair – $60. Call for details. Universal Dial Belt Kit – $9.95 ppd. Complete speaker repair, call. Send for free parts and supply catalog. Visa, Discover and Mastercard accepted. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489, 8 am-6 pm, Mon-Sat. Fax only: (612) 821-4821. E-mail: mte612@aol.com

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FOR SALE: Music Master horn speaker excellent condition and works – $295. Trim horn speaker – $150. Other horn & cone speakers. Radiola 16 – $100; 17 – $100; 18 – $100; 60 – $125. Radiola IIIA w/99 tubes – $175. Kellog RFL battery set – $150. Westinghouse tombstone – $140. J. Gary Cameron, 824 Andrews St., Southington, CT 06489. (860) 276-9200

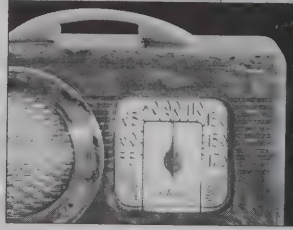
FOR SALE/TRADE: Arvin Hoppy, black, exceptional – $625. Radiokeg – $345. Zenith 6S241 bar chairside. Philcos: 37-670X console; 76 Lowboy console; 38-7CS chairside; 610 tombstone; nice 20 cathedral; 16L console cabinet; nice 20 chassis, speaker. Zenith trades considered. Possible Rochester delivery. Bill Timoszyk, 35283 Leon, Livonia, MI 48150. (734) 421-2076

FOR SALE: An exact replica of the 1946 Truetone Model D2661 originally produced in Bakelite but recreated by the Crosley Company in durable ABS plastic. And like the original this full-sized replica features the large square lighted airplane dial with right and left side horizontal louvers. Modern electronics include an AM/FM radio with automatic frequency control and you can play all your favorite tunes in its cassette player. Colors come in Bakelite brown – $79.50 or brilliant chrome – $97.50. Plus S&H. Ben Martin, 18334 Pepper St., Castro Valley, CA 94546-2319. (800) 595-0191. Visit my web site to see more, a great place to buy antique & collectable radios: http://www.radioattic.com/attics/martin.htm

FOR SALE: Regency MR-33 Monitoradio, nice – $25. Majestic 91 escutcheon – $20. Chassis for Stromberg 60. RCA 220, Crosley 77 – $25 each. Tek 551 scope manual – $15. Puritone[?] Type C lid w/tag. Nordmende Othello 55, needs restoration, plays – $70. Heathkit amplifier A-7 – $25. **WANTED:** Chassis for Emerson 25, Delco R-1235. Brian Kurrle, 2222 Nodleigh Ter., Jarrettsville, MD 21084. (410) 692-0450

FOR SALE: Gonset Communicator III transmitter-receiver. Crosley Fiver tombstone. Philco #89 chassis only. Mathew W. Lineberger, 295 Grove St., Providence, RI 02909. (401) 831-0976

CATALIN WANTED
WANTED RADIOS



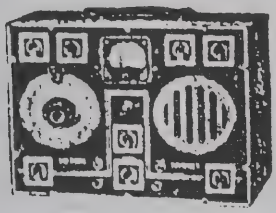
TOP PRICES PAID!
Michael Lawlor
P.O. Box 179
Santa Barbara, CA
93102
(805) 682-2336

WANTED: Magnecord 1020 complete with wooden case, need not operate. Thomas Peters, PO Box 3925, McAllen, TX 78502. E-mail: oskimo@juno.com

— WANTED —
PICTURES FOR PHOTO REVIEW OR TELEGRAPH REVIEW
PHOTOS MUST BE SHARP IN DETAIL
A SHORT DESCRIPTION IS A MUST!
SEE PHOTO REVIEW PAGES FOR ADDITIONAL INFORMATION

WANTED: For Philco 38-7, metal ring that travels with handle around dial, both Bakelite pieces of handle, spring, and flat brass screw to fasten Bakelite pieces to handle. Also: Want Philco 38-10 chairside radio bar, complete, exc wood & dial, w/ or w/o glassware. Also want Philco 38-15 chairside. Thanks! Dave Maddocks, 13327 Mango Dr., Del Mar, CA 92014. (858) 350-9475

SUPREME "Audolyzer"



WANTED: Supreme Model 562 Audolyzer, also instruction manual and schematic for Supreme Model 582 signal generator. Doug Burskey, 732 Pulver-List Rd., Mansfield, OH 44905. (419) 522-5669

WANTED: Cathedrals. Philco 90-70 cabinets. Chassis, Crosley 125. Philco 37-84. Robert Wheeler, 8341 Parker Rd., Orwell, OH 44076. (440) 437-6668

WANTED: Crosley: crystal sets & rare radios or amplifiers such as Model VI, VIII portable, XXV, XX, XV, XII, VI portable, any Harko radios, audio detector, older two-step frequency amplifiers, magfon & older advertising items! Have radios for trade or will pay your price! Bill Moss Settle, 120 Clarksdale Cir., Glasgow, KY 42141. (270) 651-6525

WANTED: Motorola Catalins. I have been commissioned by the Almighty Himself to gather as many of these wonderful jewels for preservation before judgment day is upon us. Forsake these worldly objects before it's too late! I pay cash. Please write or call collect: Rain Buttignol, 214 State St., #7, Portsmouth, NH 03801. (603) 427-1384

WANTED: Collector seeking deluxe floor radios, especially GE A-205 (see July p. 39 photo ad). Stromberg-Carlson 180-L, 260-L, RCA HF-6, HF-8. Dan Gutowski, 9753 Easton Rd., Dexter, MI 48130. (734) 433-1354

WANTED: NRI, Conar or other correspondence kits; prefer unbuilt. Also seek complete correspondence courses in radio/TV from 1940s-1960s. Illness prevented some earlier responses, please try again. Art Sabin, 315 S. Plymouth Ct., Chicago, IL 60604. (312) 987-1441. E-mail: 7sabin@jmls.edu

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This new group is now in operation. Started by dedicated collector-historians, it is international in scope, nonprofit, and noncommercial. It addresses tubes of all vintages and types. For a membership application and sample copy of *Tube Collector*, contact the club at PO Box 1181, Medford, OR 97501. Details are also available from Al Jones, W1ITX, on (707) 464-6470 or Ludwell Sibley on (541) 855-5207.

FOR SALE: In addition to our 46 page literature list, we now have sterling silver charms shaped like: an Addison A2A – $10 + $2 ship; or a 1950s EV mike – $6 + $2 ship. Dave Sutherland, PO Box 201, Spofford, NH 03462. (603) 363-4459. E-mail: echocove@cheshire.net

FOR SALE: Thermiodyne TF6 – $125. Tuska 305 – $275. Brandes B-16, eight tubes, two 45s, with tags, escutcheon, knobs but no cabinet, very clean – $100. Learadio, 11 tubes, broadcast plus two FM bands, no cabinet or speaker – $30. Learadio Model 6616, works but crack in cabinet – $30. Top portion of Philco 40-180 console with complete chassis, near perfect finish – $75. Stromberg-Carlson old metal wall-mount telephone – Offer. Starr Piano Co. wind-up phonograph with Sonora Soundbox – $50. Plus UPS. Ernie Nagy, PO Box 822, Elk Rapids, MI 49629-0822. (231) 264-9412. E-mail: elnagyl599@webtv.net

FOR SALE: Philco 118 console, all capped out, cabinet excellent, pick up only – $250. Restored GE telephone dial G50 – $150. Motorola 65X14A – $120. As found Aeriola TRF – $70. Burt Werthman, 282 Rasbach Rd., Little Falls, NY 13365. (315) 866-4854

FOR SALE: (40) radios, tables, consoles, grandfather playtime, real buy – $2,000, must pickup. SASE. Ray Miner, 1215 Ave. B, Ft. Madison, IA 52627. (319) 372-1271

FOR SALE: Majestic 71 Queen Anne console, 1928 – $175. Pick up only. Joe Holdner, 109 Grassy Ridge Rd., Olivebridge, NY 12461. (914) 657-2399

FOR SALE: Beitman's Most Often Needed Radio Diagrams 1926-1938 and 1942 – $25 plus. Elwood F. Hunt, 308 Georgetown Rd., Carneys Point, NJ 08069. (856) 299-5259

FOR SALE: Knight Star Roamer 4-band receiver, excellent – $35 + shipping. **WANTED:** NC44-45, any condition. Henry Mohr, 1005 W. Wyoming St., Allentown, PA 18103

FOR SALE: Westinghouse 1950s #H-418T5; white – $45; brown – $40; includes metal stand. List: LSASE. Ripley, Box 9374, N. St. Paul, MN 55109. (651) 777-6791

FOR SALE: Telegraph distortion analyzer TDA-2 Type TS-1060, Stelma Inc. – $30 + ship. Paul Harnetty, 4805 Parkmoor Dr., Westerville, OH 43082. (614) 882-1979

FOR SALE: Kolster chassis Model K43, clean, untested – $50 plus UPS. Norm Kutzke, Box 272, Kawkawlin, MI 48631. (517) 684-0649

FOR SALE: Carron Teenie radio crystal set – $150. Pilot Super Wasp coil set (eight) – $125. Bill Rolf, 30131 Center Ridge, Westlake, OH 44145. (440) 871-4547

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WANTED: Broadcast-type **MICROPHONES**. Early carbon, condenser, ribbons, etc. Cash or trade. James Steele, P.O. Box 620, Kingsland, GA 31548-0620. (912) 729-2242. E-mail: JSteele@k-bay106.com. Microphone collectors Internet site: http://www.k-bay106.com/mics.htm.

FOR SALE: N.O.S. tubes: (7) 36KD6; (1) 6JE6C; (1) 6LF6; (2) 6BK4C; (1) 6KG6A; (1) 6HF5; (1) 6EN4; (3) 30KD6. George Weisel, 615 Pattee Canyon Dr., Missoula, MT 59803. (406) 549-2206

FOR SALE: WWII morse code keyer TG-34-A with 15 paper tapes, set complete in two military olive drab chests, internal oscillator not working but otherwise in good restorable condition – Best Offer plus shipping. Sparky Terry, PO Box 649, Luray, VA 22835-0649. E-mail: jackharmonica@erols.com

FOR SALE: (60) table model radios. From Admiral to Zenith, 1930s to 1950s, list SASE. James J. McGrath, W2IOJ, 2 Centerview Ln., West Seneca, NY 14224-2124. (716) 675-0160. Pkt mail: w2ioj@ke2vw.#wny.ny.usa.noam

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FOR SALE: (3) mutual conductance tube testers: 920 Precision – $50; Hickok 750 – $85; 1-177B military – $100. James R. Lopez, 5467 S. 975 E, Ogden, UT 84405. (801) 476-1470

FOR SALE: 16mm protector with 30 watt amp and three rolls of fights Louis & Smeling. Louis L. Veltre, 643A Sherwood Ct., Lakehurst, NJ 08733-4207. (732) 657-7592

FOR SALE: About (30) GE radios, table models. Also other brands. For list – SASE. Michael Doback, 592 E. Southlawn St., Birmingham, MI 48009-4715

FOR SALE: Two nice radios for restoration: Crosley 9-103 – $30; Zenith 6D612W w/handle – $40. Classic Radio & Television, 541 Riverside Dr., Box 61, Augusta, ME 04330. (207) 623-2059

FOR SALE: Grundig 2340 AM/FM/SW wood, tube – $85. Collins 75A tube set – $25. Levy, 8 Waterloo, Morris Plains, NJ 07950. (973) 285-0233

FOR SALE: RCA 66X Catalin radio, red Emerson 564, Tom Thumb Deco metal case only, Emerson black-gold 520, all sets perfect. Ted Chronister, 7073 Carlisle Pike #26, Carlisle, PA 17013. (717) 766-6436

FOR SALE: (15) EH Scott consoles for sale. Nearly perfect AM FM Philharmonic chassis and 3 speakers – $2,250. Owner's manuals and service manuals for most Scott radios. Call for info. **WANTED:** Cabinet for 25 tube Zenith Stratosphere, or complete rough set, will pick up. Alan Jesperson, PO Box 17338, Minneapolis, MN 55417. (612) 727-2489 Mon-Sat 8 am-6 pm. Fax: (612) 821-4821. E-mail: mte612@aol.com

WANTED: Collins Radio Company Catalogs, promotional literature, manuals 1933-1983. Jim Stitzinger, 23800 Via Irana, Valencia, CA 91355. 1-805-259-2011

WANTED: 1930 to 1942 Police Radio communciations equipment. Any 6 VDC mobile communication equipment. Raymond Miller, 953 N. 1st St., Albemarle, NC 28001. (704) 982-0228

WANTED: Paying $8 ea. for globe shape 230 and 234 tubes. Robert Perlstein, W1IV, PO Box 642, Old Orchard Beach, ME 04064. (207) 934-9206. E-mail: Perls@compuserve.com

WANTED: Nameplate and one small knob for Lyric cathedral Mod S-7, or photo. Bill Redner, 1 Lantern Ln., Marlton, NJ 08053. (856) 983-0876

WANTED: Radiola 25/28 loop antenna. Condition not as important as good base-mount-plug. Dale Davenport, 622 S. 18th St., Fort Smith, AR 72901

WANTED: Grundig Satellite 650, have high end Saba & Grundig tube and transistor radios to trade. Karl Ayer, N9PXE, 9913 Heather Dr., Mequon, WI 53097. (414) 242-0571. Fax: (414) 242-0586

WANTED: Original TM-11 with circuit & trouble-shooting for signal generator AN/URM-26B. David Boardman, 10 Lemaistre, Sainte-Foy, Québec, Canada G2G 1B4. (418) 877-1316. E-mail: davidboardman@sprint.ca

WANTED: Audio transformers for Adams-Morgan Paragon DA-2, any condition, see pictures: http://home.ici.net/~radiodaz/wanted/wanted.htm. Charles A. Days, PO Box 80205, S. Dartmouth, MA 02748-0205. (508) 979-3758. E-mail: radiodaz@ici.net.

WANTED: Always looking for Detrolas: Deco chairside, grandfather clock, 1946 radio-phono chairside, TV. Dennis Smith, KN8H, Box 113, Trenton, MI 48183. (734) 675-5847

WANTED: Pathoclasts and related paper. Look for bussbar wiring, flashing lights, kicking meters. Ted Hutson, 11 1/2 Winthrop Ave., Beverly, MA 01915. (978) 922-3405. E-mail: tedhutson@yahoo.com

WANTED: Catalin parts, paying $20-$100 per knob or grille, handle, chassis or damaged cabinet. Radio Ray Carroll, 158 Oakwood Dr., Wayne, NJ 07470. (973) 696-1149

WANTED: Zenith 25 tube Stratosphere or cabinet, any condition. Will trade from vast supply of fine radios or buy. Will pick up. Alan Jesperson, PO Box 17338, Minneapolis MN 55417. (612) 727-2489. E-mail: mte612@aol.com

WANTED: OUTSIDE HORN PHONOGRAPHS. Mint, junkers or parts, horns, boxes, reproducers, etc. Jahan L. Acciavatti, PO Box 806, Upton, MA 01568-0806. (508) 476-3229

LOOK! LOOK! NEW LIST. Antique and Novelty Radios, parts, books, banks and other goodies. Also, Separate list of Phonograph Records. Specify, radio list, or record list. Regular mail: $1.00, to: **HOUSE OF RADIO, 3508 FLORENCE ROAD, KILLEEN, TX 76542** or free E-mail to: **TIQRADIO@aol.com**

PHONO NEEDLES & CARTRIDGES (magnetic/ceramic). Over 500 cartridges and 5,000 needles. J. J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741

BOXED CLASSIFIED ADS WORK! This is a boxed classified ad. These ads can be run more than two months. See the inside back cover for details. Boxed ad deadline: the 1st of the month.

WANTED: Vibrator tester for 6 & 12 volt synchronous & non-synchronous; Tester for electrostatic pix tubes; Bunis #1. Noel S. Ilg, 228 Beck Rd., Avon Lake, OH 44012. (440) 933-5668. Fax: 440-933-8864

WANTED: Knobs for a Motorola 50XC Catalin radio. Will gladly pay cash, or I have other Catalin parts to trade. Please call: Jon Steinhauser, 190 E. Loines Ave., Merrick, NY 11566. (516) 623-2239

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$39.49 for Periodicals Mailing
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(Two-year renewals are twice above rates.)

WANTED: Novar (nine pin) and Compactron (twelve pin) chassis mount tube sockets. John Lomas, 253 Elm Ave., Glen Riddle, PA 19063-5739. (610) 459-0186

WANTED: 2E22 and WE 212D tubes. John Birck, 458 East 600 North, Orem, UT 84097. (801) 224-1216

WANTED: Mitchell, Mitchell, Mitchell radios and appliances. Also old toys! Lee Mitchell, 175 E. Delaware, #8209, Chicago, IL 60611. (800) 869-7869. (312) 337-3123. E-mail: toystoys@webtv.net

WANTED: VW/Audi novelty radio. Prefer excellent working condition. Also interested in Volvo novelty. Thomas King, 251 Bradley Ave., Mt. Vernon, NY 10052. (914) 668-2911. E-mail: lj4tiger@aol.com

WWII MILITARY TELEVISION WANTED. Army/Navy SCR, ATJ, ATK, ARK, ARJ, CEK, CRV. Receivers, cameras, monitor, transmitters, dynamotors. Maurice Schechter, 590 Willis Ave., Williston Park, NY 11596. Ph/fax: (516) 294-4416

Victrola Repair Service: Windup phonograph repairs, parts, springs, needles via U.P.S. Rod Lauman, 19 Cliff St., St. Johnsbury, VT 05819. (800) 239-4188, eves.

WANTED: Vintage Electronic Music Synthesizers and modules by the following manufacturers, especially the listed models. **Aires** Modular, System III. **ARP** 2500. **Buchia** Modular, 100, 400. **E-mu** Modular. **EML Electrocomp** 100, 101, 200. **EMS** Synthi A, Synthi AKS, VCS3. **Korg** Modular PS-3100, PS-3200, PS-3300. **Moog** Theramin, Modular, Series 15, 35, 55. **Oberheim** SEM modules, 2-, 4- & 8-Voice Systems. **Paia** Modular 2700, 4700. **Roland** Modular Systems 100, 700. **Serge** Modulars, System 79. **Synton** Modular System. Call and surprise me; make my day! John V. Terrey, 498 Cross St., Carlisle, MA 01741. (978) 369-9770. Fax: (978) 371-7129

FOR SALE: Original Heathkit manuals: PT-1 tuner – $10; JK-18 Electronic Workshop – $12. RCA tube manual, 1975 – $15. George Wright, 4181 Enders Way, Doylestown, PA 18901-5611. (215) 340-0413. E-mail: gwright@pemnet.com

Classified Ad Deadline Noon
Sept. 10 for Oct. 1999 Issue
Oct. 10 for Nov. 1999 Issue
Boxed, Photo, & Display Ads - 1st

FOR SALE: Grab bag special: Hundreds of pounds of parts, mostly new, some in original packaging, including jacks, plugs, wires, cables, needles, lamps, controls, meters, relays, misc. hardware, and much more stuff. A generous 5 pound box, no 2 alike, for – $10 ea. Philco stereo Model H-1814, 1960, console tube type, w/2 electrostatic speakers – $75. Ampex #860 reel-to-reel 3 speed tape recorder – $125. Heathkit BE-2 battery eliminator – $45. RCA portable radio RGM-49E – $30. Eico 667 tube tester, with roll chart & data – $125. Goodmans (England) 15-inch woofer – $75. Eico #460 5-inch oscilloscope – $35. Heathkit oscilloscope IO-D-203 – $50. Silvertone #7024 table radio – $75. Garrard Type A-II, 4 speed record changer – $75. Sony Model TV-413, 3 1/2" b&w TV/AM/FM – $75. About 125 Sams AR (auto radio) books – $6 ea. About 3,000 Sams Photofact folders, call for model lookup and available numbers – $3 ea. Bell & Howard 16mm sound movie projector Model 1535B – $100. All prices plus UPS. Bob Lynn, 26 E. Orchard St., Somerville, NJ 08876. (908) 685-9070

FOR SALE/TRADE: Zeniths: 12H670, 12S569Z tri-color shutterdial, Stromberg-Carlson 14t, RCAs: 811k & 9K. **WANTED:** International Kadette. Ken Nevins, Nevins Museum of Radio, 406 Jipson St., Blissfield, MI 49228. (517) 486-3019, evenings please. E-mail: knevins@tc3net.com

S.A.R.S. FALL SWAP MEET
ATLANTA, GEORGIA
SEPTEMBER 24-25, 1999

FRIDAY - "NO HOST" DINNER
7:00 PM AT A LOCAL RESTAURANT

SATURDAY – FLEA MARKET FROM DAWN UNTIL 1:00 PM

Fairfield Inn – Alpharetta
(same as last year)
11385 Haynes Bridge Road
(Exit 9, Ga. Hwy. 400)
Special Fairfield Inn Rate for Attendees
Call: (770) 663-4000

Vendors (unlimited space) – $15.00
All others – $5.00 per family
This is an outdoor, tailgate meet.
Info: Gordon Hunter (770) 475-0713

FOR SALE: At Rochester: Original attorney copies of radio related patents 1902-1941. Including manufacturers, design patents, x-ray, etc. E-mail or SASE for list. Stewart-Warner R-136A (Stein 2, p. 293) – $210. Airline Model 1947 – $95. Majestic 491 cathedral – $140. Grunow 451 ivory lacquer/chrome front – $275. Zenith 10S-464 – $200. Repro knobs for the 1933 Smart Set Majestic line. Parts & tubes for most Majestic and Grunow sets. **WANTED:** Radio Weekly magazine, Radio & Electrical Appliance Journal, Talking Machine, Radio Today, Radio Retailing (1925-1930, 1935-1942). Majestic, Grunow & Rogers Majestic advertising/promotional items. Radios: Majestic: 54A, Mayfair; Grunow: 592, 594; Rogers 1932-1936 radios. Will pick up and deliver in Rochester. Chip Taylor, 2223 53rd St., Sarasota, FL 34234. (941) 713-6000, 6 am-6 pm Eastern. Fax: (941) 359-6778. Note new e-mail address: chip100@gte.net

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FOR SALE: R511V red Zenith table, very nice – $40. R152 Emerson miniature tombstone, beautiful, big dial – $135. Crosley 120U white clock radio, excellent – Offer. Setchell-Carlson 50s TV 17" w/handle, gold & beige, nice – $30. WR28 Westinghouse tombstone, very nice, all original w/wood knobs – $130. Philco 60 cathedral – $135. 61-7 Radiola, white, slight hairline, broadcast-SW, very good – Offer. 212 Detrola 6 tubes plus eye BC-510, exc – $90. Philco cathedral 89 parts set – Offer. 15K RCA chassis w/speaker uses 2-6L6s – $75. 5 tube Airline has 5 push buttons, Bakelite, brown nice – $70. S416 Hallicrafters good, complete – $35. Bill Kalcik, 1533 River Rd., Wisconsin Dells, WI 53965. (608) 253-9855, call after 9 pm CST

FOR SALE: Westinghouse RC, exc cond – $295. RCA Radiola 103 speaker, exc cond, working – $225. RCA Radiola 100 speaker, exc cond, working – $115. Federal Model 58, exc cond – $825. RCA Radiola IIIA, no tubes – $195. RCA Radiola Model 812, exc cond, with tubes – $250. Prices do not include packing and shipping cost. We accept Master, Visa and American Express cards in addition to checks, money orders. We are always looking to purchase collections/accumulations of radios and/or wind up phonographs, let us know what you have. We will be at the meet in Rochester N. Y. in Sept. For more info contact us at Waves, 110 W. 25 St., 10th floor, New York, NY 10001. (212) 989-9284. Fax: (201) 461-7121. E-mail: c1wave@aol.com

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FOR SALE: Saba fraudenstadt 7, chassis repaired by Blossom Labs, very nice cabinet, beautiful radio – $350. Saba 300, immaculate light wood cabinet, all Telefunken tubes – $550. Jim Johnson, 1227 Haven Ave., Ocean City, NJ 08226. (609) 398-1151. E-mail: jjohn27055@aol.com

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Listen to the entire world! This unusual shortwave radio, 7 x 1¾ x 3½ inches, is one of the smallest and most sensitive radios ever built. It has AM/FM/MV/and 7 shortwave bands. It uses only two AA batteries or 3-volt adapter (not included). The cost including shipping and insurance is: Only $35.00 per set N.I.B. E-mail: RGBENT@AOL.COM.

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P.O. Box 5367, Old Bridge, N.J. 08857, U.S.A.

WANTED: 78 rpm changer 1946-47 Seeburg L or M for Stromberg-Carlson R/P. Tom Paruta, 43 Flower St., Buffalo, NY 14214. E-mail: tomtmp58@aol.com

WANTED: Sony CRF-320 information, manuals, lid. Schematic, manuals for B&K 747 tube tester. Michael Crain, 3 Hillside Ave., Harveys Lake, PA 18618. (570) 639-2794. E-mail: mcrain1952@aol.com

WANTED: Reasonably priced junk. Hallicrafters sets: S-85; SX-96; SX-99; SX-100; and SX-122. Tony Wentkiewicz, 4107 County Rd. 138, Barnum, MN 55707. (218) 389-6907

E-MAIL ADDRESS FOR ANTIQUE RADIO CLASSIFIED
ARC@antiqueradio.com
Ads – Subscriptions – Book Orders
See inside front cover for details

WANTED: Heathkit GR-10 or GR-11 or just dial pointer. Andrew Mitz, WA3LTJ, 4207 Ambler Dr., Kensington, MD 20895. (301) 897-5531. E-mail: arm@gnode.org. URL: http://www.somerset.net/arm/fm_only.html

WANTED: Edison console radios, parts and literature. David White, 9 Crestbrook Dr., Arden, NC 28704. (828) 687-9748. E-mail: whitedb@worldnet.att.net

WANTED: RCA Victor Model 68R3, RC608, B-274 chassis or junker, RCA Victor Model 140 or 141, IF transformers, 455KC 10.7 MC, older types, not small or miniatures. Also I am looking: for Touche Magnet Force Game. Tom Hasija, 7167 N. Park Ext., Cortland, OH 44410. (330) 638-5508. E-mail: push-pull@webtv.net

WANTED: Zenith Royal 500D in black. Need variation without the 500D on the front and speaker grille will look like it's pushed in rather than out. Karl Ayer, N9PXE, 9913 Heather Dr., Mequon, WI 53097. (414) 242-0571. Fax: (414) 242-0586

WANTED: Needed, cabinet for Philco cathedral 60 or damaged w/good front, or tombstone 60. John Gielczyk, 5456 Katherine Ct., Saginaw, MI 48603. E-mail: fagoman@meginet.net

WANTED: Aeriola Senior and Motorola 52 chassis. Philco 20, 70, and 90 cases. Richard B. Jehlik, 14441 N. River Rd., Omaha, NE 68112. (402) 457-4604, after 7 pm. E-mail: rjehlik@creighton.edu

WANTED: Cone speaker shown above with butterfly design, metal frame, need not be in working condition. Dave Crocker, 4B Beechwood Point Dr., Mashpee, MA 02649. (508) 477-1578

WANTED: Pierce Simpson, Gladding 25 amateur 2 meter FM, transceiver with power supply. Bob Milligan, KI4MB, 6608 N. 18th St., Arlington, VA 22205-1802. (703) 533-0650

WANTED: Factory pre-recorded open reel tapes, classical, rock & jazz; Ampex MR-70; KT-66 tubes. Richard E. Brown, 455 Winchester Rd., Norfolk, CT 06058. (860) 542-0057

WANTED: Philco 60 chassis working, back for Philco 48-482, Zenith Global with aluminum case. Dick Stewart, 656 Squire St., Colorado Springs, CO 80911. (719) 392-9694. E-mail: StewartWCF@aol.com

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Antique Electronic Supply wants your tubes!

NEW TUBES

300A WE	$300.00	845	$125.00	5692-Red (Red	$30.00	V201A	$24.00
300B WE	$350.00	211/VT4C	$75.00	Base)		171-A	$20.00
Engraved base on above adds	$50.00	6CD7/EM34	$24.00	6SN7GT-B (Full	$4.00	282	$14.00
274A WE	$175.00	EM35	$20.00	base, USA only)		WD-11	$70.00
274B WE	$150.00	2A3	$24.00	6900 (Bendix)	$10.00	01A (ST)	$15.00
275A WE	$75.00	2A3 Single Plate	$75.00	12SX7GT	$3.50	30 (Must say 30)	$5.00
310A/B WE	$15.00	5992 (Bendix)	$10.00	6JEC6/6LQ6	$17.50	31	$4.00
262A/B WE	$50.00	5AR4/GZ34 (European, USA)	$25.00	6LF6/6MH6	$25.00	864	$12.00
348A WE	$50.00	7868	$16.00	20LF6	$27.50	6A8	$4.00
417A WE	$15.00	6A3	$12.00	6JS6C	$20.00	6A8G	$5.00
420 WE	$23.00	12AX7A-Tele (Smooth Plate)	$30.00	6KD6	$15.00	6A8GT	$2.50
421A WE	$15.00	12AX7A (Mullard)	$30.00	6KV6	$12.00	83V	$5.00
437A WE	$30.00	12AX7A (Amperex, B.B.)	$25.00	6LR6	$14.00	6F6GT	$5.00
412A WE	$10.00	12AX7A (RCA)	$10.00	21JS6A/23JS6	$8.00	6V4/EZ80	$2.00
6CA7_EL34-M (MULLARD)	$40.00	12AT7	$15.00	27LF6	$18.00	41-ST	$3.00
6BQ5_EL84	$8.50	(Tele, Mullard, Amperex, B.B.)		40KG6A/PL519	$3.00	5Y4G	$2.50
6BQ5_EL84 (Tele,Mullard,	$12.00	12AT7 (RCA)	$4.00	6JU6	$5.00	6386	$16.00
Amperex. B.B.)		12AU7A	$15.00	8950	$35.00	6072-A	$4.00
6V6GT	$6.00	(Tele, Mullard, Amperex. B.B.)		M-2057	$50.00		
6550 (Tung-Sol)	$40.00	12AU7A (RCA)	$5.00	8908	$35.00		
6L6GC (RCA Black Plate)	$25.00	6DJ8	$12.50	42KN6	$3.00		
7189A	$12.50	(Tele. Mullard, Amperex. B.B.)		31LQ6	$7.00		
7027A	$25.00	7308GP (Gold Pin)	$8.00	6KN6	$6.00		
7591A	$32.00	7025 (Can have only 7025 on glass)	$10.00	X201A/301A	$15.00		

B.B. - Bugle Boy
Tele - Telefunken

USED TUBES

300A WE $150.00	437A WE $15.00	2A3 Single Plate $50.00	6KV6 $8.50	V201A $12.00
300B WE $175.00	6CA7/EL34 (Mullard only) $20.00	6A3 $5.00	6LR6 $7.00	171-A $10.00
Engraved base on above adds $50.00	8417 $10.00	6JE6C/6LQ6 $6.00	21JS6/23JS6 $4.00	282 $12.00
275A WE $45.00	7591A $18.00	6LF6/6MH6 $14.00	8950 $25.00	WD-11 $39.00
310A/B WE $7.50	845 $50.00	20LF6 $14.00	M-2057 $36.00	01A (ST) $8.00
421A WE $8.00	211/VT4C $15.50	6JS6C $4.00	8908 $17.50	30 (Must say 30) $3.00
	2A3 $12.00	6KD6 $4.00	X201A/301A $7.50	

We need the following tubes. All must be well known brands (GE, RCA, Sylvania, Tung-Sol, Phillips, etc. of U.S. or W.Europe manufacture). New tubes must be in original boxes. All tubes subject to inspection. Ship by UPS (ground); we'll mail a check upon receipt and testing at prices shown plus your shipping charges. Call or fax for buying procedure and complete bid list. Call before sending more than 10 pieces of one type of tube.

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FOR SALE: Knight sine/square generator, 6 step attenuator, no manual or handle – $35 + shipping. Harry Pewowaruk, 1535 N. 8th Ave., St. Cloud, MN 56303. (320) 252-9910. E-mail: HPewowaruk@aol.com

FOR SALE: See my old ads, I will bring what's left to Rochester. Contact: Wilbur Gilroy, PO Box 459, Lake Winola, PA 18625. (570) 378-2508. E-mail: wlbrg@aol.com

FOR SALE: 1977 U.S. callbook – $7. Sam's TV Test Instruments, 1953 – $9. Dave Minchella, KE2GE, 80 N. Campfire Rd., Henrietta, NY 14467. (716) 359-3337. E-mail: djmradionut@juno.com

FOR SALE: Grundig 96U; Telefunken Caprice 7141U; Norelco B3XB8A; Telefunken Caprice 5451W – BO. Herb Love, 6 Linda Ln., Pearl River, NY 10965. (914) 735-9172

FOR SALE: Admiral 5J21N – $25, 6C22AN – $38, Juliette SH-514 transistor, Radiola 61-5 – $35, (2) Akai M-8 microphones, Chrystal microphone TL-30 all made in Japan. Philco 50-1720 – $35, 38-8 – $95. **WANTED:** Chassis for Atwater Kent piano console or will sell cabinet. Over 150 radios and items to sell. Send for list. Matt Hussey, 8 Capitol Cir., Rochester, NH 03867. (603) 332-9927

FOR SALE/TRADE: Hallicrafters Sky Challenger II w/ speaker, S72, National NC46 – $139.99 ea. plus UPS. **WANTED:** D.A.V., B.F. Goodrich mini keychain license plate tags paying – $1.50 ea. John Williams, PO Box 1545, Scarborough, ME 04070-1545. (207) 775-4212

FOR SALE: McMurdo Silver Masterpiece VI 20 page sales brochure reprint – $22 ppd in U.S., other reprints. Don Hauff, Box 16351, Minneapolis, MN 55416. (888) OLD-RADIO. E-mail: DHauff@isd.net

FOR SALE: Atwater Kent, Mod 84, complete, untested, orig. tuning knob, other knobs not orig. – $400; Hallicrafter SX-100, complete and SX-40 parts – Call. Ron Crowe, PO Box 117, Handley, WV 25102. (304) 442-8179. E-mail: rcrowe@wvutech.edu

FOR SALE: Philco 20 cathedral – $135. Wood Emerson – $70. Mitchell Lullabye – $45. Rider TV – $10, Radio – $20. Precision 910 tubetester – $30. Webcor wirerecorder – $35. Zenith 9-tube chassis w/speaker – $60. Transistors Coronado, Zenith, Motorola – $30. Bendix 687A – $40. Philco portable w/Spotlight – $35. Zenith Trans-Oceanics – $45. Lafayette Manuals – $20. Paperticker. Philco 70 works – $520. Novelties – $20. Tubes, box – $30. Tubecaddy empty – $10; full – $40. Emerson 737B – $60. David Grace, 1337 Chalkstone Ave., Providence, RI 02909. (401) 351-6127, nights. E-mail: David_Grace@cuusa.com

FOR SALE: 1939 RCA U-46 radio/phono, custom cabinet, restored electronics, power push buttons, Tenna-Vane antenna, original changer, nice – $300. GE Model 45 in a custom blond signed cabinet by Brown-Saltman of California, separate 4 x 6V6 power amp, six bands, unrestored, changer missing – $200. Anderson Electronics, 95 N. Central Ave., Mechanicville, NY 12118. (518) 664-9555. E-mail: oanders1@nycap.rr.com

FOR SALE: Emerson 169 with red inlay Ingraham cabinet, vg condition, plays – $145. John Koop, 48 Wheelbarrow Ln., Wantagh, NY 11793. (516) 731-6711. E-mail: radiosw@aol.com

FOR TRADE: German people radio, D4E38 with German symbol, good condition and working, all original for RCA III with tubes and working condition, original. R. Staffeldt, 12099 Berlin, Tempelhofer Damm 185, Germany. Tel/Fax: 011-49-30-75704882

FOR TRADE: My nice transistor radios, crystal sets, for your mini reel wire and tape recorders. Jon Golden, Box 5077, Wayland, MA 01778. (508) 653-4140. E-mail: 3dman@ziplink.net

FOR TRADE: Consoles: Zenith 7S52, 10S153, 12H689. Grunow 1291 teledial; RCA 13K; Philco 15 tube 680X. Looking for 12 to 18 tube consoles 1932-42. Any type or brand considered. Dan Gutowski, 9753 Easton Rd., Dexter, MI 48130. (734) 433-1354

FOR TRADE: Selsi microscope, EC, for NIB (or equivalent) tubes 226, 227, 280, 171A, 83. Rich Yoch, 22410 Bartlett Dr., Rocky River, OH 44116. Phone/Fax: (440) 331-9206

E-MAIL ADDRESS FOR ANTIQUE RADIO CLASSIFIED
ARC@antiqueradio.com
Ads – Subscriptions – Book Orders
See inside front cover for details

MESSAGE: TV sets restored, bought, sold. Have many, call for wants. **FOR SALE:** Emerson console radios, looks like half Mae West conical dial. Needs restore but all there – $250. Fairbanks-Morse 9 tube console multiband chassis only. Pilot 3 inch TV with lens – $450. Dynaco 120 and preamp, for both – $200. Atwater Kent 70 console, works – $200. Vaughn Rudisill, 17 Pearsall Ave., Deer Park, NY 11729. (516) 667-5247

MESSAGE: Please visit my Old Radio Museum at the AWA Rochester meet, Sept. 1-3 in the fleamarket. John H. Dilks, K2TQN, 125 Warf Rd., Egg Harbor Turnpike, NJ 08234-8501. (609) 927-3873. Internet: http://www.eht.com/oldradio/museum/

MESSAGE: Vintage CB collectors, now available 9,11 pin octal style cable kits. Dave Mierzwinski, 13345 W. Dakota St., New Berlin WI 53151. URL: www.Retrocom.com

MESSAGE: Send now for the World's Premier 78 rpm & Cylinder Record Auction Catalog. Nauck's Vintage Records, 6323 Inway Dr., Spring, TX 77389. E-mail: nauck@78rpm.com

MESSAGE: Bringing to Rochester AWA meet a Westinghouse receiver from Admiral Byrd 1928 expedition, Serial #BYRD, S.O. ant. Expd. and a Sonoradio with a Radiola IX. For more information and pictures, e-mail: Dan Wood, Box 593, East Marion, NY 11939. (516) 477-3071. E-mail: radiofix@worldnet.att.net

MESSAGE: Notice and For Sale: We're back after moving. Over 5,000 needles and 500+ cartridges. J.J. Papovich, 165 Trellis Ln., Sewell, NJ 08080. (856) 464-6741. E-mail: jjpapo@juno.com

MESSAGE: TV sets restored, bought, sold. Have many, call for wants. **FOR SALE:** 630TS RCA TV – $350. Emerson console radio looks like half Mae West conical dial, needs restore but all there – $250. Fairbanks morse 9 tube console multiband chassis only. Dynaco 120 and preamp – $200 for both. Atwater Kent 70 console, works – $200. Vaughn Rudisill, 17 Pearsall Ave., Deer Park, NY 11729. (516) 667-5247

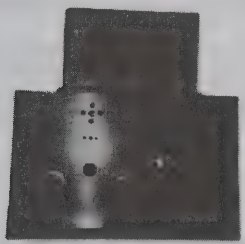
MESSAGE: Will the caller who wanted the grid dip meters please call me and/or send the agreed amount so I can ship them. Other callers are interested and money talks! Thanks. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. (925) 825-6865. E-mail: splopes@aol.com

MESSAGE: For radios, when in Brimfield, Mass. at the Sept. show, visit the Country Road Barn. Check the map in this issue. Bernie Samek, 113 Old Palmer Rd., Brimfield, MA 01010. (413) 245-7174. Fax: (413) 245-0441

MESSAGE: Radiotubes.homepage.com has my 1000+ tube list or send a stamped envelope to: Joe Knight, 3921 Windolyn Cl. S, Bartlett, TN 38133

HELP: Need Atwater Kent drivers for horn speakers. Mark Murphy, 300 N. State St. #2101, Chicago, IL 60610. (312) 467-4205. E-mail: PiscoCal@aol.com

HELP: Looking for the dial plastic for a Fada M.O. 700 Catalin. Gene Pupo, PO Box 9934, Spokane, WA 99209. (509) 328-0282. E-mail: cgp@gateway.net



HELP: Can anyone identify this radio? Believe both boxes equal one radio. Upper box has "K" just above center dial. Need identity, schematic, speaker and any other helpful info. Please reply to: Vincent E. Lobosco, 151 Farley Ave., Fanwood, NJ 07023. (908) 322-4512

HELP: Description or picture of original back panel for Philco 38-690. Thank you. Jiri Placek, 60 Applewood Ln., Boyertown, PA 19512. (610) 367-0861

HELP: Dial glass for RCA wood 66X3, Catalin 66X7, 66X8, 66X9. Gregory Sheppard, W3FSP, 4402 Jupiter St., Rockville, MD 20853. E-mail: moreradios@webtv.net

HELP: Need manual/schematic for Philco RF generator #7070. Alex Kaplan, 5347 Park Place Cir., Boca Raton, FL 33486. E-mail: alexlaw@gate.net

HELP: Looking for a source of winding a power transformer 110 primary 2000 secondary on form I have. Les Rayner, 5512 N. 71st Pl., Scottsdale, AZ 85253. (480) 947-1375

HELP: Would like to make bell jars, any ideas, advice appreciated. Jay Yelton, 617 South 19th, Tacoma, WA 98405

SERVICES: Reproduction Philco cathedral cabinet parts. Front panels, bottom moldings, rear arches. Reproduction 70, 90 or 20 cabinets. Grandfather clock finials: Philco 570, GE H-91, Crosley 124. Philco colonial clock top trim and finials. Other part inquire. Tube shields, Philco 20, 70, or 90. All plus shipping. Dick Oliver, 28604 Schwalm Dr., Elkhart, IN 46517. (219) 522-4516

SERVICES: Will repair antique auto radios. Not a collector, repairs only. Tony LeDoux, PO Box 74, Schoenchen, KS 67667. (785) 625-6075

SERVICES: Repair of antique radios, 50 years experience. **FOR SALE:** 45-tube adapter – $16. James Sinwell, 511 Newport Dr., Greensburg, PA 15601. (724) 834-0763

One Month Free!

BONUS FOR EARLY RENEWALS

If you renew **before** the month shown on your mailing label (your expiration month), you will receive an extra month on your subscription: 13 months instead of 12! 26 months for an early 2-year renewal!

SERVICES: Radio schematics/service data U.S. & Canadian receivers. 1920s to 1960s – $2.50 plus #10 SASE. Questions: e-mail or SASE. Steve Rosenfeld, PO Box 387, Ocean Gate, NJ 08740. (732) 269-2022. E-mail: srosenfeld@ems.att.com

SERVICES: Repair and restoration of antique radio and televisions. 2-week turnover, 40 yrs. experience, guaranteed work. Tom's Antique Radio & TV, 8 Howe Ln., Millbury, MA 01527. (508) 865-6293

SERVICES: Rider/Sams schematics, 1920-1970 – $3 ppd. Send make/model to: Richard A. Lerche, 1561 Bluebell Ct., Livermore, CA 94550. (925) 447-9365. E-mail: lerche@home.com

SERVICES: Custom-made dial covers, knobs and pushbuttons! Satisfaction guaranteed! You'll be happy! New address! Rita Hutchings, 2100 Pine Valley Cove, Germantown, TN 38138. (901) 754-5565. E-mail: radiorita@hotmail.com

THANKS!

Thanks for suggesting A.R.C. to your friends.

Did you know that nearly 20% of our new subscriptions come from referrals from subscribers?

So spread the word about A.R.C.!

Give the center coupon to a collector, or ask us to send a friend a free sample copy.

Help A.R.C. and radio collecting grow!

NEW YORK – Sep. 1-4

ANTIQUE WIRELESS ASSOCIATION 38TH HISTORICAL RADIO CONFERENCE

Rochester, NY – Thruway Marriott Hotel
Easy access from New York State Thruway (I-90), I-390, or Rochester Airport
(716) 389-8300 – Theme: Philco

4-day, 3-acre Antique Radio Flea Market

Sep. 1 – Wed.
8 am – Flea Market
8 am-5 pm – Book Fair
1 pm – Philco & The Miss America Pageant by John Okolowicz
2:30 pm – Shortwave History, Part 4, Radio in the Military by Bart Lee
4 pm – Key & Telegraph Seminar by Tom Perera
7-9 pm – AWA Museum Open
7:30 pm – Philco, Those Beautiful Hand-Painted Radios by Michael Prosise

Sep. 2 – Thur.
8 am – Flea Market
8 am-5 pm – Book Fair
9 am – Communication Equipment Auction
10:30 am – The Amateur Radio Station That Time Forgot by Lou Leonard
Noon – Ladies Lunch
1 pm – Philco, A History of the Company & Home Radios by Ron Ramirez
3 pm – Vacuum Tube Seminar by the TCA
8 pm – Vacuum Tube Auction

Sep. 3 – Fri.
8 am – Flea Market
8 am-5 pm – Book Fair
9 am – Paper Collectibles Auction
10 am-Noon – General Auction
1-4:30 pm – General Auction continues
3:30 pm – Review OT Amateur Operation with W2ZE and W2ZM
7 pm – Historical and Top Awards Banquet

Sep. 4 – Sat.
8 am – Flea Market
9 am – The Skywave High-Performance Crystal Set by Al Klase
10:30 am – Pre-1912 Wireless & Electrical Apparatus Display by Lauren Peckham
Noon – Finale Luncheon
2-4 pm – AWA Museum Open

Info: AWA, Box E, Breesport, NY 14816
Secretary's phone – (607) 739-5443

[If you can go to only one meet, make it to this one. Editor]

SUBMISSION DEADLINE: 5th OF MONTH

VIRGINIA – Sep. 1

TIDEWATER ANTIQUE RADIO ASSOC. MEETING – 7 PM

Call for location & directions

Info: Vic Johnston – (757) 825-0757, eves.
Scott Balderston – (757) 549-0449, eves.

ARKANSAS – Sep. 2

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH – MEETING

Fort Smith, AR – St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 – (501) 782-8178

CALIFORNIA – Sep. 4

CALIF. HISTORICAL RADIO SOCIETY MEET/PICNIC – 9 AM

Fairfield, CA – Western Railway Museum, Rt. 12

Info: CHRS Hotline – (415) 821-9800

WASHINGTON – Sep. 4

RADIO ENTHUSIASTS OF PUGET SOUND MEETING – 2 PM

Seattle, WA – Queen Anne Library, 400 W. Garfield

Info: REPS, 9936 N.E. 197th Street
Bothell, WA 98041 – (206) 488-9518

NEW YORK – Sep. 5

GREATER NEW YORK VINTAGE WIRELESS ASSOC. – SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert – (516) 471-9526
Chris Bacon – (516) 821-7618

ONTARIO – Sep. 8

OTTAWA VINTAGE RADIO CLUB MEETING

Ottawa, Ont. – The Ottawa Citizen
1101 Baxter Rd.

7 pm: Flea Market – 8 pm: Meeting
Theme: Military and Clandestine Sets

Info: OVRC Status Line – (613) 832-3097

ARKANSAS – Sep. 9

ARKANSAS ANTIQUE RADIO CLUB MEETING

Little Rock, AR – Books A Million
Markam & Bowman Rd.

7 pm

Info: Tom Burgess – (501) 455-0773

NEW JERSEY – Sep. 10

NEW JERSEY ANTIQUE RADIO CLUB MEETING

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

7 pm

Info: Marv Beeferman – (609) 693-9430
Phil Vourtsis – (732) 446-2427

TEXAS – Sep. 10-11

HOUSTON VINTAGE RADIO ASSOC. MEGA AUCTION

Houston, TX – Lai Lai Rest., Tides II Hotel,
6700 S. Main St. at Holcombe

Fri.: 6 pm – Auction
Plastic radios, test equipment, tubes, magazines

Sat.: Noon – Auction
Wooden radios, consoles, horn speakers

Info: Bill Werzner – (713) 721-2242
mingqi53@earthlink.net

OKLAHOMA – Sep. 11

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm: Dinner
7 pm: Meeting

Info: Jim Collings – (405) 755-4139, after 6 pm
Mike Lapuzza – (405) 745-3394, after 7 pm

OREGON – Sep. 11

NORTHWEST VINTAGE RADIO SOCIETY MEETING

Oregon City, OR – Abernethy Grange Hall
15745 S. Harley Ave.

10 am

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 – (503) 654-7387

NOTE: The "Coming Radio Events" pages are tabulated from the best information available to A.R.C. However, changes, cancellations and errors do occur. To avoid disappointment, verify place, date and time especially for events which are new to you.

COLORADO – Sep. 12

COLORADO RADIO COLLECTORS MEETING

Denver, CO – VecraBank Bldg.
1380 South Federal Ave.

1 pm

Info: Larry Weide – (303) 758-8382

NEW MEXICO – Sep. 12

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM – Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm – Tailgate Swap Meet
2 pm – Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park,
NM 87047 – (505) 286-9674 – ChuckBurch@aol.com

OHIO – Sep. 12

BUCKEYE ANTIQUE RADIO & PHONO CLUB MEETING

Brunswick, OH – Brunswick Public Library

1 pm

Info: Kevin Grimm – (330) 928-8341

SASKATCHEWAN – Sep. 12

CANADIAN VINTAGE RADIO SOCIETY/ SASKATCHEWAN & MANITOBA CHAPTERS FALL FLEA MARKET

Churchbridge, Saskatchewan – Junction Relics

10 am

Info: Bob Murray – (204) 885-3045
Roy Sawley – (306) 752-4362

FLORIDA – Sep. 14

SOUTH FLORIDA ANTIQUE RADIO COLL. INAUGURAL MEETING

Miami, FL – Biscayne Bay Marriott
1633 North Bayshore Dr.

7:30 pm

Info: Thomas Valenti – (305) 373-7372
Bret Menassa – BMenassa@worldnet.att.net

MISSOURI – Sep. 14

ANTIQUE RADIO COLL. & HIST. OF GREATER ST. LOUIS – MEETING

Kirkwood, MO – Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm – Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 – (314) 725-2333

MARK YOUR CALENDAR

Sep. 1 – VA, TBA – TARA Meeting
Sep. 1-4 – NY, Rochester – AWA Meet
Sep. 2 – AR, Fort Smith – ARCCFS Meeting
Sep. 4 – CA, Fairfield – CHRS Meet
Sep. 4 – WA, Seattle – REPS Meeting
Sep. 5 – NY, Lake Ronkonkoma – GNYVWA Swap
Sep. 8 – Ontario – OVRC Meeting
Sep. 9 – AR, Little Rock – AARC Meeting
Sep. 10 – NJ, Freehold – NJARC Meeting
Sep. 10-11 – TX, Houston – HVRA Mega Auction
Sep. 11 – NY, Ballston Spa – Hamfest 99
Sep. 11 – OK, Oklahoma City – OKVRC Meeting
Sep. 11 – OR, Oregon City – NWVRS Meeting
Sep. 12 – CO, Denver – CRC Meeting
Sep. 12 – NM, Albuquerque – NMRC Meet
Sep. 12 – OH, Brunswick – BARPC Meeting
Sep. 12 – Saskatchewan – CVRS Fall Flea Market
Sep. 14 – FL, Miami – SFARC Meeting
Sep. 14 – MO, Kirkwood – ARCHGSL Meeting
Sep. 14 – NC, Greenville – ECARC Meeting
Sep. 14 – OH, Kettering – ARCO Meeting
Sep. 14 – PA, Telford – DVHRC Meet & Auction
Sep. 14 – TX, Houston – HVRA Meeting
Sep. 15 – OH, Cincinnati – CARS Meeting
Sep. 15 – OH, Columbus – COARA Meeting
Sep. 16 – NY, Hudson Valley – HARPS Meeting
Sep. 17-18 – MI, Charlotte – Stanton's Auction
Sep. 18 – CT, E. Hartford – VRCM Tailgate Swap
Sep. 18 – France, Bonneval – CHCR Meet
Sep. 18 – ME, Lincoln – BARC Hamfest
Sep. 18 – Ontario, Guelph – LVRC Swap Meet
Sep. 18 – PA, Pittsburgh – PARS Meeting
Sep. 18 – TN, Nashville – MCVRPS Fall Swap Meet
Sep. 18 – VA, Charlottesville – Dill's Antique Radio Auction
Sep. 19 – Australia, Melbourne – HRSA General Meeting
Sep. 19 – CA, Valencia – SCARF Meet
Sep. 19 – MD, Burtonsville – MAARC Meeting
Sep. 19 – WA, Seattle – PSARA Swap Meet
Sep. 21 – CA, Sacramento – CHRS-Sac. Meeting
Sep. 24-25 – GA, Alpharetta – SARS Fall Swap Meet
Sep. 25 – OR, Hillsboro – NWVRS Swap Meet
Sep. 25 – TX, Kyle– TARC Meeting
Sep. 26 – Australia, Geelong – HRSA General Meeting
Sep. 26 – British Columbia – CVRS Chapter Meeting
Sep. 26 – MD, Bowie – Gaithersburg Hamfest
Sep. 26 – MO, St. Louis – ARCH Fall Swap Meet
Sep. 27 – AL, Birmingham – AHRS Meeting
Sep. 28 – OH, Kettering – SPARK Meeting
Oct. 2 – Australia, Sydney – HRSA Swap Meet
Oct. 2 – CA, Pismo Beach– SCARS/CHRS Swap Meet
Oct. 2 – WA, Seattle – REPS Meeting
Oct. 3 – Australia, Melbourne – Auction
Oct. 3 – MD, Arcadia – MAARC Picnic & Auction
Oct. 3 – NY, Lake Ronkonkoma – GNYVWA Swap
Oct. 6 – VA, TBA – TARA Meeting
Oct. 7 – AR, Fort Smith – ARCCFS Meeting
Oct. 8 – NJ, Freehold – NJARC Meeting
Oct. 9 – FL, Orlando – FAWG Meet & Auction
Oct. 9 – KY, Lexington – MSARC Swap Meet
Oct. 9 – OK, Oklahoma City– OKVRC Meeting
Oct. 9 – OR, Oregon City – NWVRS Meeting
Oct. 10 – CT, Wallingford – Nutmeg Hamfest
Oct. 10 – NM, Albuquerque – NMRC Meet
Oct. 10 – WI, Hubetus – WARC Meeting
Oct. 11 – GA, Norcross – SARS Meeting
Oct. 12 – MO, Kirkwood – ARCHGSL Meeting
Oct. 12 – NC, Greenville – ECARC Meeting
Oct. 12 – OH, Kettering – ARCO Meeting
Oct. 12 – PA, Telford – DVHRC Meet & Auction
Oct. 13 – Ontario – OVRC Meeting

MARK YOUR CALENDAR

(Continued from bottom left column)

Oct. 14 – AR, Little Rock – AARC Meeting
Oct. 17 – IL, Elgin – ARCI Meeting
Oct. 23 – NH, Nashua – NEARC Meet
Oct. 23 – WV, Huntington – MRAT Fall Show/Auction
Oct. 29-31 – TX, Irving – VRPS Meet
Oct. 31 – IL, Olney – Eric's Auction Barn
See expanded listing for many of these events

N. CAROLINA – Sep. 14

EAST CAROLINA ANTIQUE RADIO CLUB MEETING

Greenville, NC – Western Sizzlin, 2903 E. 10 St.

6:30 pm

Info: Bill Engstrom – (252) 355-8732
Herman Schnur – (252) 752-2264

OHIO – Sep. 14

ANTIQUE RADIO COLLECTORS OF OHIO MEETING

Kettering, OH – National City Bank Basement
4100 Far Hills Ave., at Stroop Rd

7:30 pm

Topic: Wooden Radios of the Twenties

Info: John Heck – (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

PENNSYLVANIA – Sep. 14

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING – SWAP MEET – AUCTION

Telford, PA – Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 – (610) 789-8199

TEXAS – Sep. 14

HOUSTON VINTAGE RADIO ASSOC. MEETING

Houston, TX – Lai Lai Rest., Tides II Hotel,
6700 S. Main St. at Holcombe

6:30 pm

Info: Bill Werzner – (713) 721-2242
mingqi53@earthlink.net

OHIO – Sep. 15

CENTRAL OHIO ANTIQUE RADIO ASSOC. MEETING – 7:30 PM

Columbus, OH – DeVry Institute of Tech.
1350 Alum Creek Rd., I-70 Exit 103B

Info: Barry Gould – (614) 777-8534
Chuck Davis – (614) 792-6237

OHIO – Sep. 15

CINCINNATI ANTIQUE RADIO SOCIETY MEETING – 7:30 PM

Norwood, OH – ITT Technical Institute
4750 Wesley Ave.

Info: Greg Tierney – (937) 732-1844

NEW YORK – Sep. 16

HUDSON VALLEY ANTIQUE RADIO AND PHONO. SOCIETY – MEETING

7:30 pm

Info: Peter DeAngelo – (914) 496-5130
(Call to confirm details)

MICHIGAN – Sep. 17-18

STANTON'S AUCTIONEERS ESTATE AUCTION

Charlotte, MI – Eaton County Fairgrounds
(Large green building next to the main road)

Fri.: 10 am – Auction
Sat.: 10 am – Auction

Info: 144 S. Main, Vermontville, MI 49096
(517) 726-0181 – Fax: (517) 726-0060

CONNECTICUT – Sep. 18

VINTAGE RADIO & COMMUNICATIONS MUSEUM – TAILGATE SWAP – TBA

E. Hartford, CT – VRCM
711 Main St. (Route 5)

Grand Opening at New Location!

Info: John Ellsworth – (860) 675-9916

FRANCE – Sep. 18

C.H.C.R. RADIO EXPOSITION

Bonneval, France – Time: TBA

Info: Pierre Frichot – 02-37-47-42-00
sylvain.melot@bull.net

ONTARIO – Sep. 18

JOINT LONDON/TORONTO RADIO CLUBS ANNUAL GIANT SWAP MEET

Guelph, Ont. – Royal Canadian Legion
919 York Rd. (Hwy. 7)

8 am-2 pm – Noon – Auction
Info: A.R. Nolf – (905) 333-4557
ARN@globalserve.net

PENNSYLVANIA – Sep. 18

PITTSBURGH ANTIQUE RADIO SOC. MEETING

Pittsburgh, PA – Westinhouse Rec. Center
Parkway East (376), Exit 12
S. on Greensburg Pike (on right)

10 am – Flea Market
Noon – Meeting & 50/50 Auction

Info: Sev Dvorsky – (412) 344-6633

TENNESSEE – Sep. 18

MUSIC CITY VINTAGE RADIO & PHONOGRAPH SOC. – FALL SWAP MEET

Nashville, TN – Associated Builders & Contractors Bldg., 1604 Elm Hill Pike

7 am-Noon Swap Meet; 11 am Auction

Info: Bob Schmitt – (615) 754-5431
Larry Chambers – (615) 833-2448

VIRGINIA – Sep. 18

DILL'S AUCTION HOUSE ANTIQUE RADIO AUCTION

Charlottesville, VA – Dill's Auction House
1731 Allied Street (Across from McIntire Rd. tennis courts)

10 am

Info: Dill's Auction House – (804) 295-0199

AUSTRALIA – Sep. 19

HIST. RADIO SOC. OF AUSTRALIA ANNUAL GENERAL MEETING

Melbourne – Gardener Church of Christ Hall

8:30 pm

Info: HRSA, PO Box 2283, Mt. Waverly, Victoria 3149 – wvwoods@netspace.net.au

CALIFORNIA – Sep. 19

SO. CAL. ANTIQUE RADIO FEST MEET

Valencia, CA – Valencia Travel Village
27961 Hwy. 126

6 am - 11 am

Info: Jerry Simpson – (805) 251-7829

MENTION A.R.C. WHEN CONTACTING CLUBS!

A free* listing on these pages is available for each coming radio event. Sponsors should provide description of event, date, time, place, directions, & information/contact person. Since listings are on a "space available" basis, no guarantee of listing is made. *Submission deadline – 5th of month. *Club/museum/non-profit events are listed free; other events are obtained from advertisements placed elsewhere in A.R.C. Sorry, we don't have room for hamfests.*

MARYLAND – Sep. 19

MID-ATLANTIC ANTIQUE RADIO CLUB MEETING – 2 PM

Burtonsville, MD – Seventh Day Adventist Church
15121 McKnew (Between Rt. 29 & I-95, off Rt. 198)

Info: Ed Lyon, 11301 Woodland Way, Myersville, MD 21773 – (301) 293-1773

WASHINGTON – Sep. 19

PUGET SOUND ANTIQUE RADIO ASSOCIATION 17TH ANNUAL ANTIQUE RADIO SWAP MEET

Seattle, WA – Shoreline Museum Parking Lot
N. 175th & Linden Ave.

9 am-1 pm

Info: PSARA – (425) 747-1323
www.eskimo.com/~hhagen/psara.html

CALIFORNIA – Sep. 21

CALIF. HISTORICAL RADIO SOCIETY SACRAMENTO CHAPTER MEETING

Sacramento, CA – SMUD Building
Corner of Elkhorn & Don Julio

7 pm

Info: CHRS Hotline – (415) 821-9800

GEORGIA – Sep. 24-25

SOUTHEASTERN ANTIQUE RADIO SOCIETY FALL SWAP MEET

Alpharetta, GA – Fairfield Inn
11385 Haynes Bridge Rd. (Exit 9, Ga. Hwy. 400)

Fri.: 7 pm – "No Host" Dinner
Sat.: Dawn-1 pm – Flea Market

Info: Gordon Hunter – (770) 475-0713
lsmith4234@aol.com

OREGON – Sep. 25

NORTHWEST VINTAGE RADIO SOCIETY RADIO SWAP MEET

Hillsboro, OR – National Guard Armory
Washington County Fairgrounds

9 am-2 pm

Info: Myron White – (503) 629-5513

TEXAS – Sep. 25

TEXAS ANTIQUE RADIO CLUB MEETING – 10 AM

Kyle, TX – Railroad BBQ

Info: Jim Moffett, 218 Shannon Lee, San Antonio, TX 78216 – (210) 826-4938

Attend a radio event near you, learn, meet others in the hobby, and perhaps find an item or two for your collection!

AUSTRALIA – Sep. 26

HIST. RADIO SOC. OF AUSTRALIA EXTRA GENERAL MEETING

Geelong – Scout Hall

2 pm

Info: HRSA, PO Box 2283, Mt. Waverly, Victoria 3149 – wvwoods@netspace.net.au

BRITISH COLUMBIA – Sep. 26

CANADIAN VINTAGE RADIO SOCIETY BRITISH COLUMBIA CHAPTER MEETING

Richmond, BC – Steveston Hotel

Info: Fred Tutt – (604) 275-2033

MISSOURI – Sep. 26

ANTIQUE RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS – FALL SWAP MEET

St. Louis, MO – American Legion Post 300
4760 Heege Ave.

9 am

Info: Derek Cohn, 8141 Stratford Dr., Clayton, MO 63105 – (314) 725-2333 – keymaster@stlnet.com

ALABAMA – Sep. 27

ALABAMA HISTORICAL RADIO SOCIETY MEETING – 7 PM

Birmingham, AL – Homewood Public Library
1721 Oxmoor Road

Info: Julian Brook, PO Box 130307, Birmingham, AL 35213 – (205) 879-1191

OHIO – Sep. 28

SOCIETY FOR PRESERVATION OF ANTIQUE RADIO KNOWLEDGE MEETING – 7:30 PM

Kettering, OH – Party Room at Cassano's Pizza, 1700 E. Stroop Rd.

Show & Tell Night

Info: PO Box 482, Dayton, OH 45449
E-mail: sparkinc@juno.com

WASHINGTON – Oct. 2

RADIO ENTHUSIASTS OF PUGET SOUND MEETING – 2 PM

Seattle, WA – Queen Anne Library
400 W. Garfield

Info: REPS, 9936 N.E. 197th Street Bothell, WA 98041 – (206) 488-9518

Although non-members are welcome at all events, joining may be required at some. Admission is charged at some events.

CALIFORNIA – Oct. 2

SO. CAL. ANTIQUE RADIO SOCIETY/ CAL. HIST. RADIO SOCIETY JOINT SWAP MEET

Pismo Beach, CA – Oceano Airfield

9 am

Info: SCARS – (818) 993-4560
CHRS – (415) 821-9800

AUSTRALIA – Oct. 2

HIST. RADIO SOC. OF AUSTRALIA SWAP MEET

Sydney – 2WS Carpark

Noon

Info: John McIlwaine – (02) 4332-6008

MARYLAND – Oct. 3

MID-ATLANTIC ANTIQUE RADIO CLUB PICNIC & AUCTION

Arcadia, MD – Arcadia Fire Co. Fairgrounds

10 am – Picnic
11:30 am – Auction

Info: Ed Lyon, 11301 Woodland Way, Myersville, MD 21773 – (301) 293-1773

NEW YORK – Oct. 3

GREATER NEW YORK VINTAGE WIRELESS ASSOC. – SWAP MEET

Lake Ronkonkoma, NY – 367 Hawkins Ave.

8 am-Noon

Info: Chris Lieppert – (516) 471-9526
Chris Bacon – (516) 821-7618

VIRGINIA – Oct. 6

TIDEWATER ANTIQUE RADIO ASSOC. MEETING – 7 PM

Call for location & directions

Info: Vic Johnston – (757) 825-0757, eves.
Scott Balderston – (757) 549-0449, eves.

ARKANSAS – Oct. 7

ANTIQUE RADIO COLLECTORS CLUB OF FORT SMITH – MEETING

Fort Smith, AR – St. Luke Lutheran Church
Waldron Road, at Free Ferry

7:30 pm

Info: Paul Tucker, 4700 N. "N" St.
Fort Smith, AR 72904 – (501) 782-8178

Updating Club List

Please send A.R.C. the name, address, etc. of your club's contact person.

NEW JERSEY – Oct. 8

NEW JERSEY ANTIQUE RADIO CLUB MEETING – 7:30 PM

Freehold, NJ – Grace Lutheran Church
West Main St. & Park Ave. (Old Rt. 33)

Info: Marv Beeferman – (609) 693-9430
Phil Vourtsis – (732) 446-2427

OKLAHOMA – Oct. 9

OKLA. VINTAGE RADIO COLLECTORS MEETING

Oklahoma City, OK – Oklahoma Station BBQ
Springdale Shopping Center, 4333 N.W. 50th

6 pm – Dinner – 7 pm – Meeting

Info: Jim Collings – (405) 755-4139, after 6 pm
Mike Lapuzza – (405) 745-3394, after 7 pm

KENTUCKY – Oct. 9

MID-SOUTH ANTIQUE RADIO COLLECTORS SWAP MEET

Lexington, KY – Central KY Tech. College
308 Vo Tech Rd.

7 am-1 pm

Info: Joe Vittitow – (502) 839-5444
Lewis Owens – (606) 233-0376

OREGON – Oct. 9

NORTHWEST VINTAGE RADIO SOCIETY MEETING – 10 AM

Oregon City, OR – Abernethy Grange Hall
15745 S. Harley Ave

Info: Ed Charman, PO Box 82379
Portland, OR 97282-0379 – (503) 654-7387

FLORIDA – Oct. 9

FLORIDA ANTIQUE WIRELESS GROUP FALL MEET & EQUIP. AUCTION

Orlando, FL – VFW Hall, 4444 Edgewater Dr.

8:30 am-11 am – Swap Meet
11:30 am – Auction

Info: Dennis – (407) 740-5581
oldradio@magicnet.net, yrless@magicnet.net

NEW MEXICO – Oct. 10

NEW MEXICO RADIO COLLECTORS CLUB MEET

Albuquerque, NM – Anna Kaseman Hospital
8300 Constitution Ave. (W. of Wyoming)

1:30 pm – Tailgate Swap Meet
2 pm – Program, Show & Tell and Auction

Info: Chuck Burch, 39 Chaco Loop, Sandia Park, NM 87047 – (505) 286-9674 – ChuckBurch@aol.com

WISCONSIN – Oct. 10

WISCONSIN ANTIQUE RADIO CLUB SWAP MEET

Hubertus, WI – Richfield Chalet
1271 Hwy. 175 – 7-11:00 am

Info: Dale Boyce, 10230 W. Greenwood Ter.
Milwaukee, WI 53224 – (414) 353-0734

GEORGIA – Oct. 11

SOUTHEASTERN ANTIQUE RADIO SOC. MEETING WITH SHOW & TELL – 6:30 PM

Norcross, GA – Picadilly Cafeteria
3400 Holcomb Bridge Road

Info: Gordon Hunter – (770) 475-0713
SARS, PO Box 500025, Atlanta, GA 31150

N. CAROLINA – Oct. 12

EAST CAROLINA ANTIQUE RADIO CLUB MEETING – 6:30 PM

Greenville, NC – Western Sizzlin
2903 E. 10 St.

Info: Bill Engstrom – (252) 355-8732
Herman Schnur – (252) 752-2264

OHIO – Oct. 12

ANTIQUE RADIO COLLECTORS OF OHIO MEETING – 7:30 PM

Kettering, OH – National City Bank Basement
4100 Far Hills Ave., at Stroop Rd.

Topic: Bakelite and Plastic Radios

Info: John Heck – (937) 435-1571
ARCO, PO Box 292292, Kettering, OH 45429

MISSOURI – Oct. 12

ANTIQUE RADIO COLLECTORS & HISTORIANS OF GREATER ST. LOUIS MEETING

Kirkwood, MO – Kirkwood Community Center
111 S. Geyer Rd., Room 201-A

7:30 pm – Meeting (earlier for conversation)
Show & Tell, Swap Table

Info: Derek Cohn, 8141 Stratford Dr.,
Clayton, MO 63105 – (314) 725-2333

PENNSYLVANIA – Oct. 12

DELAWARE VALLEY HISTORIC RADIO CLUB MEETING – SWAP MEET – AUCTION

Telford, PA – Telford Community Bldg.
Corner of Hamilton & Madison

7:30 pm

Info: Bill Overbeck, PO Box 847,
Havertown, PA 19083 – (610) 789-8199

ONTARIO – Oct. 13

OTTAWA VINTAGE RADIO CLUB MEETING

Ottawa, Ont. – The Ottawa Citizen
1101 Baxter Rd.

7 pm: Flea Market – 8 pm: Meeting
Theme: Vacuum Tube Manufacture in Canada

Info: OVRC Status Line – (613) 832-3097

ARKANSAS – Oct. 14

ARKANSAS ANTIQUE RADIO CLUB MEETING

Little Rock, AR – Books A Million
Markam & Bowman Rd.

7 pm

Info: Tom Burgess – (501) 455-0773
(Call to confirm details)

ILLINOIS – Oct. 17

ANTIQUE RADIO CLUB OF ILLINOIS GENERAL MEETING

Elgin, IL – Elgin Plaza Hotel, 345 River Rd.
Outdoor West Lot

7 am-Noon

Info: A.R.C.I., PO Box 1139, LaGrange Park,
IL 60526 – E-mail: arci31280@aol.com

TEXAS – Oct. 29-31

VINTAGE RADIO & PHONO SOCIETY 25TH ANNUAL CONVENTION

Irving, TX – Holiday Inn Select DFW South
4440 W. Airport Freeway

Fri.: 9 am-7 pm – Registration
11 am-Noon – Watterson Radio
1 pm-2 pm – Vintage Radio & TV on the Internet
10 am-1 pm; 3 pm-6 pm – Contest Viewing
2 pm-3 pm – VRPS 25th Anniversary Celebration
3 pm-4 pm – Tubes & Paper Items Auction
5 pm-10 pm – Friday Night Auction

Sat.: 8 am-2 pm – Registration
9 am-4:30 pm – Contest Viewing
10 am-10:30 am – Silent Auction
11 am-5 pm – Annual Meeting; Saturday Auction
6:30 pm-7:30 pm – Reception
7:30 pm-9:30 pm – Annual Awards Banquet

Sun.: 8 am – Coffee Social
8 am-Noon – Indoor Flea Market

Info: George Potter – (972) 353-4862
VRPS, PO Box 165345, Irving, TX 75016
www.flash.net/~billhar/vrpscal.htm

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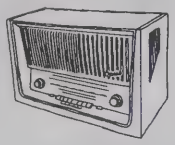

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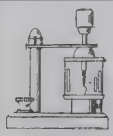

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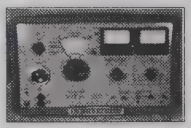

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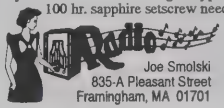

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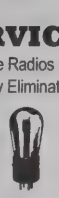

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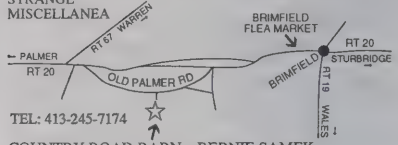

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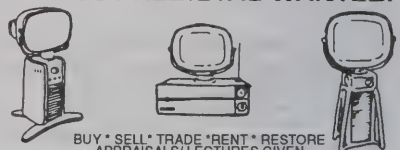

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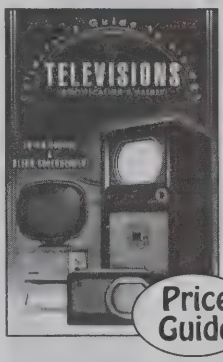

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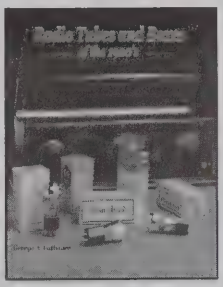

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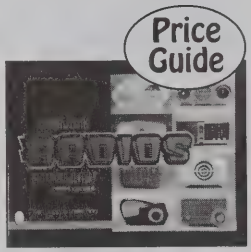

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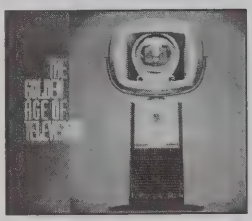

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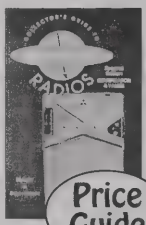

The Collector's Guide to Transistor Radios 2nd Edition by Marty & Sue Bunis. *This book will help you identify the most sought-after vintage transistor radios. Over 2,900 models listed, all with current prices. Includes radio club listing. 375 all new color photos. 5 ½" x 8 ½". 320 pgs. 1996. Softcover.* – **$16.95**

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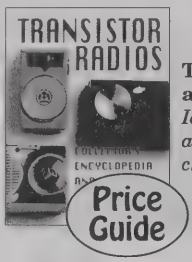
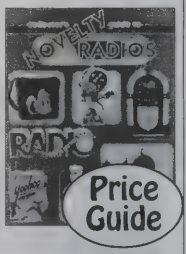


Transistor Radios, A Collector's Encyclopedia and Price Guide by David Lane & Robert Lane. *Identification & price guide to over 2,500 transistor and novelty radios. History & key to collecting chapters. 8 ½" x 11". 170 pgs. Softcover.* – **$19.95**



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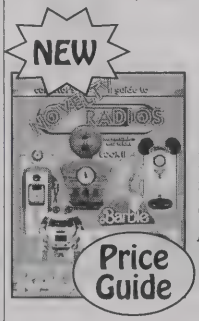

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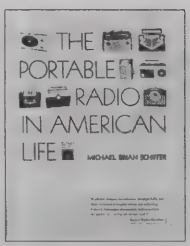

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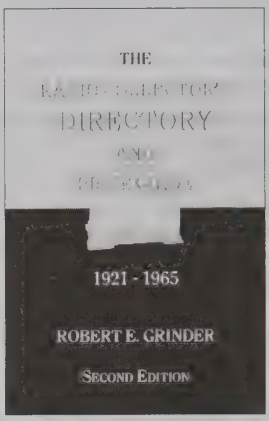
The Radio Collector's Directory and Price Guide, 1921-1965, 2nd Ed.

by Robert E. Grinder



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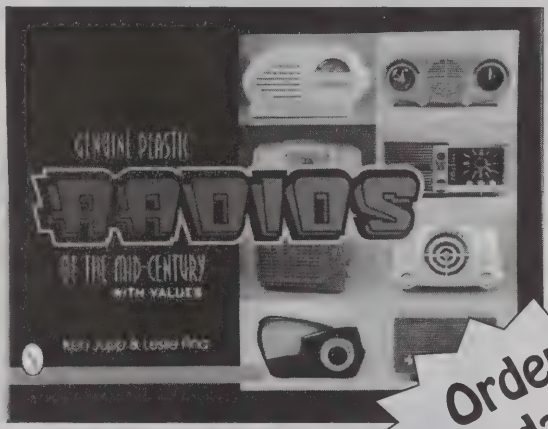

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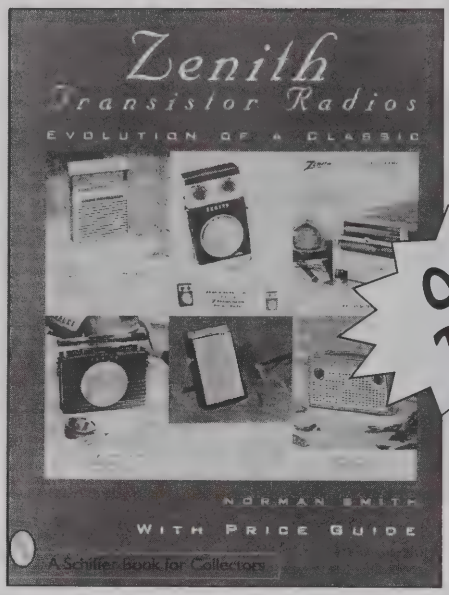

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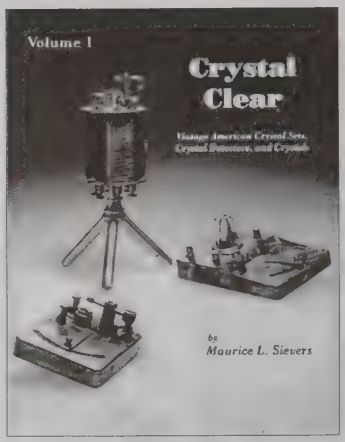

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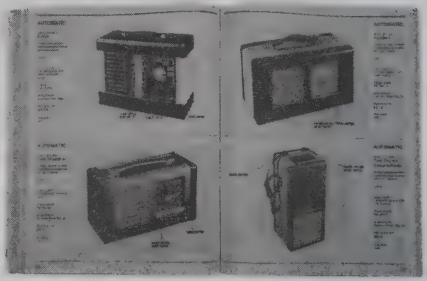

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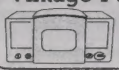

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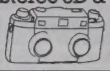

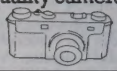

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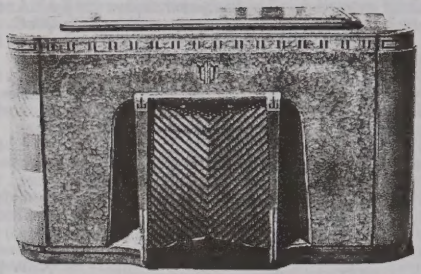
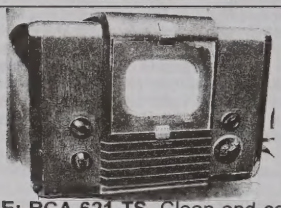


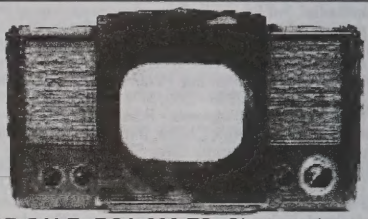
FOR SALE: 1933 Philco Mirror-in-the-lid.

Okay--I've got your attention! A rare DECO **Model 509** (took a 10 tube chassis with 3-78's, 6A7, 37, 75, 3-42's, and 80; Riders Volume 6), plus a phono, all under a large lid, with inlaid woods and patterns. The front decal says "**Philco High-Fidelity**". Although empty now, the lid is recessed, and a TV could be added to this beauty!

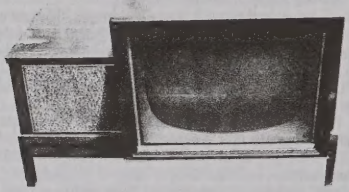
AS IS--$347; with color TV added...$683



FOR SALE: RCA 621-TS. Clean and complete 1946 wooden 7" table top; only made for about 40 days (a design created by John Vassos), it's in very good and complete condition. This TV has been restored electrically and works well! **...$788**



FOR SALE: RCA 630-TS. Clean and complete 1946 wooden 10" table top; the first mass-produced post-war set. This is the original model, in very good and complete condition, as found...**$328**
With new color TV inside (plus remote!).....$646



FOR SALE: RCA New Vista "CHEST"! This was RCA's answer to the Predicta-a New Vista Chassis KCS-127K, circa 1959, which looks like a walnut end table **(shown open)**, but actually has a 21" B&W telvision inside! Untested but complete....**$791**

FOR SALE: CRT's, tested and good.
Philco Predicta, 17" CRT $165
10BP4, 10" typical 1940s $135;
Prices shipped in USA (more overseas).
Lots more--see our web-page!

Always BUYING VINTAGE TVs!!!

We buy **Radio-TV** shops, **Camera** stores and **Photo Studios!**

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PRE-WAR TVs--- pre-1942

We will buy ANY television produced before 1942. These need not be complete! Look for GE's with push buttons below screen, RCA TRK's and TT5, DuMont 180s, and many others!

Paying $500 to $5,000 each!

WANTED: UNUSUAL or Weird TVs

You'll know them when you see them-strange TVs from the 1940s through the 1970s-wanted! We have plenty of square sets--so now we're looking for the really great odd-balls!

PAYING $50 to $500 each!

CLASSIFIED ADVERTISING POLICY

ONE FREE 20-WORD AD for subscribers in each issue; additional words are 29¢ each. See details below. Classified ads sent by mail, fax, e-mail or by any other method must be received (not just postmarked!) by **Noon Eastern Time** on the classified ad deadline date to guarantee inclusion in the current issue. Late ads are held for the following issue. Please enclose correct payment with all ads. Stamps or cash are OK for small amounts. (Canadian and other foreign advertisers, please see "Payment" on page 2 for methods.) "Free words" cannot be accumulated from month to month; free words must be requested when ad is submitted.

Faxed & e-mailed ads: Please see additional information on the inside front cover.

When including ads with other A.R.C. correspondence, write the ads on a separate piece of paper. Include SUB# with ad. Ads may be sent in advance; but, write each ad on a separate piece of paper and indicate the month (or successive two months) you want the ad to run.

To minimize our typing errors: Please write legibly. Use both capital and small letters. Do not use a dash between words. Carefully write the following numbers and letters (especially in model numbers) since some can look alike; for example 1, I and l (the number one, the capital i and the small L.) Also: 0, O , o, Q and D; r and n; 6, b and G; V, U, u, v and Y; A and R; 5, S and s; 2, Z and z. We try to correct spelling errors, so when using an uncommon word or manufacturer which we might mistake as a more common word or manufacturer, note it so that we do not "correct" it. Editor's annotations are in [brackets].

Advertising is accepted only for early items related to radio, communication, etc. All items must be described fairly; reproductions, reprints and not-original items must be so identified. Advertisers must agree to respond promptly to inquiries and orders, to resolve problems promptly if the buyer is not satisfied, and to comply with a buyer's refund request on unaltered returned items.

The publisher reserves the right to edit ads without notification to the advertiser and to reject ads for any reason. Names other than the advertiser will be edited out of ads. Ads with non-radio-related items will be returned or edited unless the non-radio-related items are for trade of radio-related items, or they are incidental to and appear at the end of an otherwise acceptable ad. The publisher is not responsible for errors due to illegibly written ads or for any other reason. See also Publishing Rights on page 2.

Clubs: Since club activities receive free coverage on the *Coming Radio Events* pages, the free 20 words may not be used for club activity ads. A discount on display advertising is available for clubs.

CLASSIFIED AD DETAILS

Deadline: NOON ET– 10th of the month!

Classified ads must have a standard heading such as WANTED, FOR SALE, FOR TRADE, FOR SALE/TRADE, SERVICES, MESSAGE, HELP, AUCTION, MEET, etc. This heading is the only bold or all-capitalized words allowed in the ad. Capitalize only manufacturer names, model names, etc. This standard ad format makes scanning the ads easier.

Before writing your ad, please look over the ads in a recent issue of A.R.C., and try to write your ad in the same style. Full name (or company name) and address is required in all classified ads; we will add it if you forget.

To encourage varied content of the ads, the same classified ad may be run only once per issue and for only two consecutive months. (To run an ad longer, use a boxed classified or display ad.)

Classified Ad Rates per Month

Subscribers:
- First 20 words: **FREE***
- 29¢ per word for extra words over 20 **plus**
- 10¢ per word for a shaded ad (count all words including free words).
- * Subscribers may take 20 free words on only **one** ad each month.

Non-Subscribers:
- 47¢ per word **plus**
- 10¢ per word for shaded ad.

Please do not forget to send in the extra 29¢ per word when your classified ad runs over the free 20 words; your payment will be appreciated, and it will help to keep A.R.C. healthy.

BOXED CLASSIFIED AD DETAILS

Deadline: 1st of the month!

Boxed classified ads can run unchanged for three months or more. No words are free. Ads may be shaded and may include bold and all-capitalized words freely. The ad need not begin with "For Sale," etc. Minimum run is 3 months, prepaid. Discount: 10% for 6 months; 20% for 12 months.

Boxed Classified Ad Rates per Month

Nonshaded ads:
- 40¢ per word for all words,* none free, **plus**
- 10¢ per word for each bold word **plus**
- 10¢ per word for each all-caps word.

Shaded Ads (All words are bold at no charge):
- 50¢ per word for all words* **plus**
- 10¢ per word for each all-caps word.

Non-Subscribers:
- Add 20¢ per word to above costs.

*Three words can be bold-all-caps at no extra charge.

PHOTO & DRAWING DETAILS

Deadline: 1st of the month for all ads with drawings or photos!

Drawings and photos are encouraged as the response to your ad is much larger and the reader knows better what you want or are selling. Send in your drawing or photograph, and A.R.C. will reduce it or enlarge it as needed.

Photo and Drawing Rates per Month

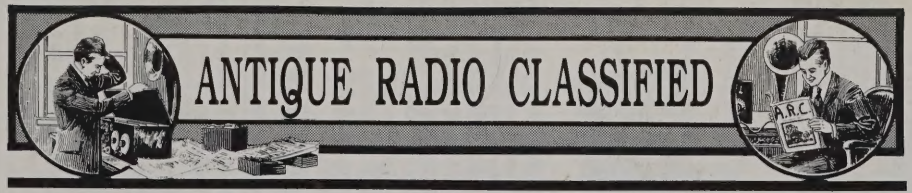
$23.00 per month for each photo or drawing
(If ad is canceled, this amount cannot always be refunded.)

CHANGES & CANCELLATIONS

Please check your ads carefully before sending them in. Once ads are received, it is not always possible to refund the amount sent, pull the ad or make changes.

IMPORTANT — COUNTING WORDS — IMPORTANT

The **standard headings**: WANTED, FOR SALE, etc., count as **one word** each time used in an ad. **Name, address** and (one) **telephone number**, count as **6 words**, regardless of length. Ham call letters and business name can be included in the 6 words and do not count extra. Full name (or company name) and address is required in all classified ads. Each additional word, abbreviation, model number or number group, extra telephone numbers, fax, e-mail, etc. count as one word each. Hyphenated words count as two words.



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